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This report lists the urban and nonurban concentrations of 11 metallic components of suspended particulate matter from samples gathered during calendar years 1970 through 1974 by the cooperating stations of the National Air Surveillance Network (NASN). The data are presented as a quarterly composite concentration value for each site for each of the four quarters of the calendar year.

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August 1976

AIR QUALITY DATA FOR METALS

1970 THROUGH 1974

FROM THE NATIONAL AIR SURVEILLANCE NETWORKS

by

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PREFACE

The Environmental Monitoring and Support Laboratory of the Environmental Research Center-Research Triangle Park (formerly the Quality Assurance and Environmental Monitoring Laboratory), with the assistance and cooperation of state and local agencies, conducts a variety of air sampling activities to obtain information about the air quality in the United States. Metal components of particulate matter are listed in this report.

Updated listings for this notebook will be provided as more current data are available. Any subsequent changes in the introductory material (site descriptions, data table presentations, laboratory methodology, etc.) made by EPA will be forwarded on a routine basis.

ABSTRACT

Particulate pollutant data gathered during calendar years 1970 through 1974 by the cooperating stations of the National Air Surveillance Networks provide the basis for listing the urban and nonurban concentrations of 11 metallic components of suspended particulate matter.

The data are presented as a composite concentration value for each site for each of the four quarters of the calendar year; a yearly average is reported whenever valid data for all four quarters are obtained.

Two previous EPA publications, APTD-0978 and APTD-1467, list metal components of suspended particulate matter collected during 1966 and 1967, and 1968 and 1969, respectively.

CONTENTS

Preface iii

Abstract iv

List of Tables vi

Acknowledgments viii

Section I. Introduction 1

Sample Collection 2

Description of Data Tables 4

Section II. Quality Control 7

Section III. Laboratory Methods 12

Suspended Particulate Matter 12

Metals 13

Section IV. National Summary 15

Section V. Data Tables 22

LIST OF TABLES

Table		Page
1-1	NASN Network Modification, 1970-1974	6
2-1	Blank Filter Concentrations and Yearly Analytical Discrimination Values ($\mu g/m^3$)	10
2-2	Analytical Precision, Bias and Confidence Limits	11
4-1	Urban National Cumulative Frequency Distributions	16
4-2	Nonurban National Cumulative Frequency Distributions	19
5-1	Beryllium, Urban Quarterly Composites and Yearly Averages	23
5-2	Beryllium, Nonurban Quarterly Composites and Yearly Averages	33
5-3	Cadmium, Urban Quarterly Composites and Yearly Averages	35
5-4	Cadmium, Nonurban Quarterly Composites and Yearly Averages	45
5-5	Chromium, Urban Quarterly Composites and Yearly Averages	47
5-6	Chromium, Nonurban Quarterly Composites and Yearly Averages	57
5-7	Cobalt, Urban Quarterly Composites and Yearly Averages	59
5-8	Cobalt, Nonurban Quarterly Composites and Yearly Averages	69
5-9	Copper, Urban Quarterly Composites and Yearly Averages	71
5-10	Copper, Nonurban Quarterly Composites and Yearly Averages	81

Table		Page
5-11	Iron, Urban Quarterly Composites and Yearly Averages	83
5-12	Iron, Nonurban Quarterly Composites and Yearly Averages	93
5-13	Lead, Urban Quarterly Composites and Yearly Averages	95
5-14	Lead, Nonurban Quarterly Composites and Yearly Averages	105
5-15	Manganese, Urban Quarterly Composites and Yearly Averages	107
5-16	Manganese, Nonurban Quarterly Composites and Yearly Averages	117
5-17	Nickel, Urban Quarterly Composites and Yearly Averages	119
5-18	Nickel, Nonurban Quarterly Composites and Yearly Averages	129
5-19	Titanium, Urban Quarterly Composites and Yearly Averages	131
5-20	Titanium, Nonurban Quarterly Composites and Yearly Averages	141
5-21	Vanadium, Urban Quarterly Composites and Yearly Averages	143
5-22	Vanadium, Nonurban Quarterly Composites and Yearly Averages	153

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The data reported in this publication could not have been gathered without the generous cooperation of the many state and local air pollution control agencies in the operation of the NASN stations. Also, gratitude is due each of the 10 EPA Regions who since 1973 have participated in this program by sending the high volume filters to the centralized laboratory of the Environmental Monitoring and Support Laboratory for trace metal analyses.

The personnel of the Analytical Chemistry Branch of the Environmental Monitoring and Support Laboratory, EPA, North Carolina, are to be commended for their diligent analytical efforts in producing the over 100,000 results which have made this publication possible.

Section 1

INTRODUCTION

The Environmental Protection Agency (EPA), with the assistance and cooperation of state and local agencies, conducts a variety of air sampling activities to obtain information about the air quality in the United States. One such program, the National Air Surveillance Network (NASN), has existed since 1953. The network has grown and undergone many modifications since its beginning, especially during the 5 years covered in this report. Table 1-1 catalogues these recent changes. The first change, change in sampling schedule, was brought about to encourage synoptic sampling with state/local ambient monitoring programs. The second change, decentralization, was made to shift air monitoring expertise from one centralized laboratory to 10 EPA regional laboratories. However, one laboratory, the Environmental Monitoring and Support Laboratory (EMSL), Research Triangle Park, North Carolina, retains a central function. Filters are weighed at regional laboratories and forwarded to EMSL for analysis of trace elements. As a result, the data on the concentrations of 11 metals contained within this publication -- beryllium, cadmium, chromium, cobalt, copper, iron, lead, manganese, nickel, titanium and vanadium -- have been produced within one laboratory. Data on the concentrations of these 11 metals in suspended particulate matter collected at urban and nonurban sampling sites during 1970, 1971, 1972, 1973, and 1974 are included in this publication. Earlier publications of this type included concentration data

for tin. However, recent recovery studies for these years indicate that less than 20% of the spiked tin when applied to unexposed filters is found upon analyses. Such information indicates that the tin data, if reported, would be highly biased. This element, therefore, was excluded from these listings.

SAMPLE COLLECTION

Samples are collected at approximately 300 urban and 35 nonurban NASN sites located across the country. The urban sites are generally located within a city or town or adjacent suburbs. The nonurban sites are generally located in rural or remote areas. Although, with the passage of time, many of these rural areas, especially in the northeast, have become more heavily populated and thus are subject to direct influences of spreading urbanization. Voluntary operation of each site is maintained through the generous assistance of local or state agencies and individuals such as park rangers, firemen, or policemen. A more detailed description of each site is available.[1]

Prior to 1972, 24-hour samples (beginning at midnight) were collected according to a biweekly (26 samples per year) modified random sampling schedule. The schedule was modified to insure equal representation for each of the seven days of the week. Since 1972, however, samples have been collected every 12th day (30 or 31 samples per year). The initial sampling date was January 10, 1972. Since

[1] Directory of Air Quality Monitoring Sites, 1971. U.S. Environmental Protection Agency, Office of Air Programs. Research Triangle Park, North Carolina. Publication No. APTD-0979. April 1972.

that date, samples have been collected every 12th day. This sampling schedule eliminates the need for redesigning a new sampling schedule each year. In addition, it encourages concurrent sampling with other networks. Most importantly, it is easily implemented in the field.

Beginning with the 1974 samples, the responsibility for managing the NASN was given to each of the 10 EPA regions.[2] Prior to that time one centralized laboratory located at Research Triangle Park, North Carolina, weighed the high volume filters. This centralized laboratory has continued to provide all of the trace element analyses of the high volume filters although the system has been changed since the decentralization. The regions now send the weighed filters to North Carolina for routine trace substance analyses[3] and storage in the filter bank for non-routine, special analyses as needed. The resulting data are published by the Statistical and Technical Analysis Branch (STAB) of the EMSL and are sent to the National Aerometric Data Bank (NADB) for archiving.

[2]Region I - Boston, Massachusetts
Region II - New York, New York
Region III - Philadelphia, Pennsylvania
Region IV - Atlanta, Georgia
Region V - Chicago, Illinois
Region VI - Dallas, Texas
Region VII - Kansas City, Missouri
Region VIII - Denver, Colorado
Region IX - San Francisco, California
Region X - Seattle, Washington

[3]Metals, non-metal inorganic ions and BaP.

DESCRIPTION OF DATA TABLES

Data are presented as quarterly composite and yearly average values expressed in micrograms (nanograms in the case of beryllium) per cubic meter of air at standard temperature (25° Centigrade) and standard pressure (760 mm of mercury). All valid data appearing for a given site are shown for each of the 5 years. Quarterly composites are judged to be representative and are included in the tables if there are at least five valid filters per quarter. In order for data to be reported for a quarter in which one of these months lacks any valid samples, the other two months in that quarter must have at least two valid samples. If "zero" concentrations--values below the analytical discrimination value--are reported (shown as L.D. in the data tables), the yearly mean is calculated by replacing the "L.D." with a value equal to one-half the analytical discrimination value shown in Table 2-1. If two or more quarters within a site year are below the analytical discrimination value, the yearly average is not calculated. Prior to the analysis of 1970 samples, the general procedure was to analyze for trace metal concentrations only when the entire year was valid, i.e., all 4 quarters were represented. This practice meant that the tables were complete without blanks. This procedure has been liberalized during the period since 1970 to allow for analyses of any valid quarters for a given station even though the entire year may not be represented.

Table headings contain an expression representing analytical quality. The expression states a 95% confidence interval within which the expected

"true" value of the reported value lies, based solely on analytical error. For example, if a reported beryllium value is shown as 0.2 ng/m^3, the expected "true" value is within 0.11 to 0.36 ng/m^3, 95% of the time. Further details pertaining to quality of data are given in the next section.

TABLE 1-1. NASN NETWORK MODIFICATIONS, 1970 - 1974

Month/Year	Change	Impact
January 1972	Sample schedule changed from random biweekly to 12-day systematic samples; first sample collected 1/10/72.	All sites
December 1972	Decentralization, Region II.	NJ, NY, PR
April 1973	Decentralization, Region I.	CT, ME, MA, NH, RI, VT
December 1973	Decentralization, Regions V, VII, VIII, IX, X.	IL, IN, MS, MN, OH, WI, IA, KS, MO, NE, CO, MT, ND, SD, UT, WY, AZ, CA, HI, NV, AK, ID, OR, WA
January 1974	Decentralization, Regions III, IV, VI.	DE, DC, MD, PA, VA, WV, AL, FL, GA, KY, MS, NC, SC, TN, AR, LA, NM, OK, TX

SECTION II

QUALITY CONTROL

INTRODUCTION

Beginning with this publication, estimates of analytical performance are given with each data table. This section presents the quality control information which forms the basis for determining these analytical performance limits and analytical discrimination limits.

UNEXPOSED FILTERS AND ANALYTICAL DISCRIMINATION LIMIT

Table 2-1 lists the average concentration of blank filters. The blank value was determined by pooling a large number of clean (unexposed) filters and reanalyzing this single extract a number of times throughout the analysis period. Thus, an estimate of homogeneity of the lot of filter blanks is not possible. However, the value as shown provides a representative estimate, averaged over the 5 years, of the blank concentration levels.

The yearly analytical "limit of discrimination" (LD) values are also shown in the table. A single value for each pollutant/year for both nonurban and urban samples is a departure from previous analysis periods when a separate value was determined for the nonurban sites and the urban sites. The LD is defined as the concentration value for a single element which produces a signal that can be distinguished from analytical noise at zero concentration 95% of the time. The LD is

determined by constructing a tolerance interval (95%-95%) centered at zero concentration. The analytical variability of the blank filter extract is used as the estimate of variability for calculating the tolerance interval. Prior to 1972, a slightly different procedure was used, but for consistency, the average LD for each element determined for the three years, 1972-1974, is reported for 1970 and 1971.

PRECISION AND BIAS

Table 2-2 presents precision and bias information together with 95% confidence limits. All the data are expressed as percentages, a necessity because precision is concentration dependent.

Precision has been determined two ways--the standard deviation of relative percent difference between analyses of the same sample extract, and the standard deviation of relative percent difference between analyses of different extracts of the same filter. Clearly, the added variation caused by cutting and extracting can be seen between the two columns. As a result the estimate for precision in constructing the 95% confidence limits has been taken from the "Different Extract" column.

Bias, expressed as an average percent difference between true and observed, has also been determined two ways--with prepared standard solutions run through only the analytical process, and through spikes (addition of known amounts of an element to one of a pair of sample duplicates) run through both the extraction and analytical steps. To compare the two measures of bias, the recovery averages should be subtracted from 100%. The bias term preceeding the confidence limit expression has been taken from the recovery information. It provides a measure of both the accuracy of the extraction process as well as the analytical process,

although it does contain an indeterminate error associated with the spiking process.

PERFORMANCE QUALITY ASSESSMENT

Precision and bias estimates discussed above have been combined to form what is termed "Analytical Quality." A quarterly composite value appearing in the data tables based on the estimates of bias (recovery) and precision (duplicate or different extracts) is expected to be analytically correct within the 95% confidence interval. To apply the confidence interval to a given datum point, one should multiply the value by 100 percent plus the bias percent and to this value, add and subtract the value times the percent associated with the precision term. For example, the first beryllium value above LD in Table 5-1, is 0.2 ng/m^3, with a stated analytical quality of 16% $\pm$ 62.4%. The confidence interval is constructed as follows:

$$\text{Upper Limit} = (1.16 + .624)\ (0.2) = 0.36\ ng/m^3, \text{ and}$$

$$\text{Lower Limit} = (1.16 - .624)\ (0.2) = 0.11\ ng/m^3.$$

These estimates only include sample preparation and analytical variability for an average of duplicate analyses. Furthermore, if additional information were known concerning variation due to factors such as sampling, then these confidence intervals would be wider. As a result, all confidence limits are underestimates for the total variability of the sampling and analytical processes.

TABLE 2-1. BLANK FILTER CONCENTRATIONS AND YEARLY ANALYTICAL DISCRIMINATION VALUES ($\mu g/m^3$)

Element	Blank Filter Concentration	Analytical Discrimination Values				
		1970	1971	1972	1973	1974
Beryllium	.0006	.00005	.00005	.00004	.00007	.00008
Cadmium	LD**	.00023	.00023	.00019	.00027	.00036
Chromium	.004	.00071	.00071	.00062	.00080	.00084
Cobalt	LD	.00069	.00069	.00052	.00076	.00063
Copper	.007	.0011	.0011	.0012	.0010	.0012
Iron	.18	.0082	.0082	.0059	.010	.010
Lead	.02	.022	.022	.015	.029	.014
Manganese	.007	.00040	.00040	.00024	.00055	.00064
Nickel	.005	.0014	.0014	.0012	.0017	.0019
Titanium	.068	.0039	.0039	.0032	.0045	.0061
Vanadium	LD	.0021	.0021	.0017	.0025	.0028

*$\mu g/m^3$ are obtained by multiplying $\mu g/mL$ by a factor to convert to total μg/filter and dividing by an assumed air volume of 2500 m^3.

**LD is below the Analytical Discrimination Limit.

TABLE 2-2. ANALYTICAL PRECISION, BIAS AND CONFIDENCE LIMITS

Element	Precision, %				Bias				95% Confidence Limits, %
	Same Extract		Different Extract		Standards		Recovery		
	No.	Std. Dev.	No.	Std. Dev.	$\bar{x}$ Mean	s Std. Dev.	$\bar{x}$ Mean	s Std. Dev.	
Be	NA		20	31.23	0.0	4.5	84	6.0	16 ± 62.4
Cd	228	10.73	41	22.72	8.7	7.1	91	13.5	9 ± 45.44
Co	NA		20	29.15	13.7	14.7	86	9.9	14 ± 58.30
Cr	1536	42.29	56	21.43	0.7	3.4	79	17.9	21 ± 42.86
Cu	2035	3.60	58	19.27	- 2.7	2.5	72	24.9	28 ± 38.54
Fe	2138	9.07	54	19.04	- 6.3	3.0	75	6.7	25 ± 38.08
Mn	2008	11.14	40	20.51	- 2.3	1.0	71	10.4	29 ± 41.02
Ni	698	19.69	26	20.67	0.3	2.5	79	15.2	21 ± 41.34
Pb	2032	5.59	48	22.55	0.7	5.4	86	12.9	14 ± 45.10
Ti	1791	19.2	56	14.93	0.3	3.4	58	18.8	42 ± 29.86
V	536	11.65	16	20.23	8.3	6.6	79	14.5	21 ± 40.46

NA = Not available, most sample pairs are below the LD.

SECTION III

LABORATORY METHODS

SUSPENDED PARTICULATE MATTER

The mass of particulate matter per volume of air is determined by drawing air through a preweighed glass-fiber filter with a high volume (hi-vol) air sampler and then weighing the soiled filter. In order to obtain the flow rate, a calibrated rotameter is read at the start and finish of the sampling period, and the averaged value is used with a calibration table for that rotameter. The known sampling period (24 hours) and the measured flow rate allow for calculation of the volume of air sampled.

The hi-vol samplers, operating at approximately 1.7 cubic meters per minute, collect particulate matter from about 2500 cubic meters of air during the 24-hour sampling period. The filters used are 20.3 by 25.4 centimeter flash-fired glass-fiber filters, selected for low and uniform background concentrations of those substances to be measured.

As a precaution against pinholes or other flaws that could affect air flow, the filters are screened for imperfections on a light table. Prior to weighing, the filters are equilibrated for a minimum of 24 hours at a temperature of 24° Centigrade and a relative humidity of 50 percent or less. Because any crease in a filter can seriously affect the air flow, filters are weighed with a balance that permits weighing without bending.

The filters are then distributed unfolded to the cooperating local agencies for the urban sites or to the designated participant responsible for operating the nonurban site. After sampling, the filters are folded in half with the collected particulate matter inside. They are then returned to a laboratory. The filter with the collected particulates is again equilibrated for at least 24 hours at a temperature of 24° Centigrade and a relative humidity of 50 percent or less, after which they are weighed to determine the amount of particulate matter that was collected.

METALS

In the analysis for metals, a 2.5 by 18.0 centimeter strip is cut from each filter. The length of each strip is determined by the number of filters included in the quarterly composite. (The total area is fixed at 113 square centimeters.) For example, if there were 5 valid samples in a quarter, a strip approximately 9 cm long would be cut from each filter. The 5-8 strips for the quarter are composited and ashed in an oxygen plasma to oxidize organic material. The metals are then extracted by refluxing for 3 hours with a mixture of nitric and hydrochloric acids.

Quantitative analysis is accomplished by measuring the intensity of the emission line for each metal as the sample is excited in an optical emission spectrometer, and by then comparing these measurements with a calibration curve obtained with standard concentrations. Beginning in 1970, each reported result is the average of two determinations made from the same composite extract at different times. If a particular element were found in both determinations, results were averaged. When the element was found in only one of the determinations, it was regarded as noise, and no detectable quantity was reported. The present emission spectrometer provides

a general overview of the metals' concentrations. However, the present instrument is not considered to be as sensitive or precise a method as a specific determination method for a single element, such as in the case of determination of lead by atomic absorption. The emission spectrometer method does indicate the relative order and the general level of metals' concentrations occurring in various urban and nonurban areas of the United States.

Data for samples collected prior to 1966 may not be directly comparable to the results presented in this report because samples taken from 1957 through 1965 were ashed in a muffle furnace at 500° Centigrade, causing the loss of varying amounts of the elements. This deficiency has been corrected by ashing in an oxygen plasma.

Section IV

NATIONAL SUMMARY OF AIR QUALITY MEASUREMENTS

The data in Tables 4-1 and 4-2 are cumulative frequency distributions by element of all quarterly results by year for urban locations and nonurban locations respectively. Consider for example the line for urban 1974 lead. The first number, 594, gives the number of site quarters of lead data for the year. The next entry, minimum, is the lowest urban site quarter result of 0.08 $\mu g/m^3$. Other entries, such as 1.61 under the 90th percentile column, are to be interpreted such that 90 percent of the 594 site quarters (535) were equal to or less than 1.61 $\mu g/m^3$. The usual descriptive statistics, means and standard deviations (arithmetic and geometric) are shown in the last 4 columns. Comparisons among years within a pollutant provide a relative indication of trends. For example, lead values across the country appear to be decreasing--not only on the average but also for all percentiles of the frequency distribution shown in Table 4-1.

TABLE 4-1. URBAN NATIONAL CUMULATIVE FREQUENCY DISTRIBUTIONS

Element	Year	No.	Min.	10	30	50	70	90	95	99	Max.	Arithmetic Mean	Arithmetic Std. Dev.	Geometric Mean	Geometric Std. Dev.
Beryllium*	1970	787	LD	LD	LD	LD	LD	0.2	0.3	0.6	2.9	LD	0.2	0.01	4.91
	1971	742	LD	LD	LD	LD	LD	0.2	0.3	0.5	0.7	0.1	0.1	0.03	3.22
	1972	708	LD	LD	LD	LD	LD	LD	LD	LD	LD	--	--	--	--
	1973	559	LD	LD	LD	LD	LD	LD	LD	LD	LD	LD	--	LD	--
	1974	594	LD	LD	LD	LD	LD	LD	LD	LD	0.2	LD	--	LD	--
Cadmium	1970	797	LD	LD	LD	LD	LD	.008	.012	.027	.099	.003	.007	LD	4.40
	1971	717	LD	LD	LD	LD	LD	.010	.017	.059	.295	.004	.016	LD	5.21
	1972	708	LD	LD	LD	LD	LD	.007	.011	.034	.112	.002	.007	LD	4.97
	1973	559	LD	LD	LD	LD	LD	LD	.007	.012	.032	.001	.003	LD	4.89
	1974	594	LD	LD	LD	LD	LD	.006	.009	.022	.077	.002	.005	LD	4.90
Chromium	1970	797	LD	LD	LD	.006	.009	.017	.024	.046	.130	.008	.011	.006	2.80
	1971	717	LD	LD	LD	.007	.010	.019	.026	.057	.171	.009	.014	.008	2.97
	1972	708	LD	LD	.001	.004	.006	.011	.017	.040	.143	.006	.010	.004	3.17
	1973	559	LD	LD	LD	.004	.007	.015	.023	.074	.228	.007	.015	.004	3.62
	1974	594	LD	LD	.003	.005	.007	.012	.015	.035	.073	.006	.006	.005	2.37
Cobalt	1970	797	LD	LD	LD	LD	LD	LD	LD	LD	.014	LD	.001	LD	3.11
	1971	717	LD	LD	LD	LD	LD	LD	LD	LD	.085	.001	.003	LD	7.05
	1972	708	LD	LD	LD	LD	LD	LD	LD	LD	.042	LD	.002	LD	5.97
	1973	559	LD	LD	LD	LD	LD	LD	LD	LD	.027	.001	.002	LD	4.45
	1974	594	LD	LD	LD	LD	LD	LD	LD	LD	.029	LD	.001	LD	4.85

*Expressed in ng/m^3.

(Continued)

TABLE 4-1 (Continued)

Element	Year	No.	Min.	10	30	50	70	90	95	99	Max.	Arithmetic Mean	Arithmetic Std. Dev.	Geometric Mean	Geometric Std. Dev.
Copper	1970	790	LD	.04	.06	.10	.16	.32	.50	.99	1.51	.15	.18	.10	2.57
	1971	715	LD	.04	.07	.10	.18	.37	.59	1.28	1.56	.18	.22	.11	2.62
	1972	706	LD	.03	.06	.09	.15	.35	.49	1.00	1.57	.16	.19	.10	2.60
	1973	555	LD	.03	.06	.09	.14	.34	.45	.79	1.44	.15	.17	.10	2.49
	1974	590	LD	.04	.08	.11	.17	.36	.51	.78	1.33	.17	.16	.12	2.26
Iron	1970	796	LD	.6	1.1	1.4	1.9	3.2	4.2	6.4	14.2	1.7	1.3	1.38	1.98
	1971	717	LD	.8	1.3	1.7	2.3	3.6	4.9	8.1	16.0	2.1	1.6	1.65	1.98
	1972	708	LD	.5	.8	1.0	1.4	2.2	2.8	4.1	6.4	1.2	.8	1.04	1.83
	1973	558	LD	.4	.7	.9	1.2	1.9	2.6	3.8	6.9	1.1	.8	.89	1.89
	1974	594	.1	.4	.7	.9	1.2	1.9	2.4	3.9	6.2	1.1	.7	.89	1.87
Lead	1970	797	LD	.47	.75	1.05	1.37	2.01	2.59	4.14	5.83	1.19	.80	.99	1.84
	1971	717	LD	.42	.71	1.01	1.42	2.21	2.86	4.38	6.31	1.23	.87	1.00	1.89
	1972	708	LD	.46	.72	.97	1.25	1.93	2.57	3.69	6.88	1.13	.78	.93	1.87
	1973	559	LD	.35	.58	.77	1.05	1.62	2.08	3.03	5.83	.92	.64	.76	1.87
	1974	594	.08	.36	.57	.75	1.00	1.61	1.97	3.16	4.09	.89	.57	.75	1.80
Manganese	1970	795	LD	.02	.03	.04	.06	.15	.23	.49	2.10	.07	.12	.04	3.13
	1971	716	LD	.02	.04	.05	.07	.16	.24	.46	1.95	.08	.11	.05	2.81
	1972	708	LD	.01	.02	.03	.04	.09	.12	.22	.86	.04	.06	.03	2.76
	1973	559	LD	.01	.02	.02	.04	.07	.11	.29	.56	.04	.05	.02	2.72
	1974	594	LD	.01	.02	.02	.04	.07	.11	.21	.35	.04	.04	.02	2.39
Nickel	1970	797	.001	.001	.001	.001	.019	.045	.066	.127	.277	.015	.028	.01	3.41
	1971	717	.001	.001	.001	.001	.018	.045	.064	.126	.347	.015	.028	.01	3.34
	1972	708	.001	.001	.001	.001	.013	.031	.045	.100	.268	.011	.023	.01	3.55
	1973	559	.001	.001	.001	.001	.013	.036	.066	.133	.439	.014	.037	.01	4.19
	1974	594	.001	.001	.001	.001	.012	.026	.034	.057	.639	.009	.029	.001	4.60

(Continued)

TABLE 4-1 (Continued)

Element	Year	No.	Min.	10	30	50	70	90	95	99	Max.	Arithmetic Mean	Arithmetic Std. Dev.	Geometric Mean	Geometric Std. Dev.
Titanium	1970	797	LD	.02	.03	.04	.06	.09	.12	.18	.26	.05	.03	.04	1.85
	1971	716	LD	LD	LD	.03	.05	.09	.12	.20	.51	.04	.05	.02	2.66
	1972	707	LD	LD	.02	.03	.05	.08	.10	.14	.48	.04	.03	.03	2.21
	1973	559	LD	LD	.02	.04	.05	.08	.10	.14	.23	.04	.03	.03	2.01
	1974	593	LD	LD	.02	.03	.05	.07	.09	.14	.22	.04	.03	.03	2.06
Vanadium	1970	795	.001	.001	.001	.001	.029	.162	.244	.544	1.222	.052	.116	.020	3.82
	1971	718	.001	.001	.001	.001	.026	.117	.204	.496	1.325	.041	.108	.014	4.20
	1972	708	.001	.001	.001	.001	.001	.075	.100	.195	.858	.022	.056	.006	4.06
	1973	559	.001	.001	.001	.001	.001	.057	.077	.151	.393	.016	.034	.005	3.68
	1974	594	.001	.001	.001	.001	.001	.058	.083	.185	.248	.019	.037	.006	3.51

TABLE 4-2. NONURBAN NATIONAL CUMULATIVE FREQUENCY DISTRIBUTIONS

Element	Year	No.	Min.	10	30	50	70	90	95	99	Max.	Arithmetic Mean	Arithmetic Std. Dev.	Geometric Mean	Geometric Std. Dev.
Beryllium*	1970	124	LD	LD	LD	LD	LD	LD	LD	.24	.24	LD	.03	LD	7.62
	1971	97	LD	LD	LD	LD	LD	LD	LD	.16	.24	.01	.03	LD	6.10
	1972	137	LD	LD	LD	LD	LD	LD	LD	LD	LD	LD	--	LD	--
	1973	100	LD	LD	LD	LD	LD	LD	LD	LD	LD	LD	--	LD	--
	1974	79	LD	LD	LD	LD	LD	LD	LD	LD	LD	LD	--	LD	1.00
Cadmium	1970	124	.0001	.0001	.0001	.0001	.0001	.0001	.0001	.0001	.0001	.0001	.0000	.0001	1.00
	1971	97	.0001	.0001	.0001	.0001	.0001	.0001	.0001	.0001	.0001	.0001	.0000	.0001	1.00
	1972	137	.0001	.0001	.0001	.0001	.0001	.0001	.0001	.0001	.0001	.0001	.0000	.0001	1.00
	1973	100	.0001	.0001	.0001	.0001	.0001	.0001	.0001	.0001	.0001	.0001	.0000	.0001	1.00
	1974	79	.0002	.0002	.0002	.0002	.0002	.0002	.0002	.0002	.0002	.0002	.0000	.0002	1.00
Chromium	1970	124	LD	LD	LD	LD	LD	.007	.017	.042	.075	.003	.009	LD	4.60
	1971	97	LD	LD	LD	LD	.005	.007	.011	.034	.061	.004	.007	LD	3.48
	1972	137	LD	LD	LD	LD	.002	.005	.006	.009	.039	.002	.004	LD	3.58
	1973	100	LD	LD	LD	LD	.001	.007	.017	.039	.066	.003	.009	LD	4.16
	1974	79	LD	LD	LD	LD	.002	.005	.008	.009	.009	.002	.002	LD	2.67
Cobalt	1970	124	LD	LD	LD	LD	LD	LD	LD	LD	LD	LD	--	LD	--
	1971	97	LD	LD	LD	LD	LD	LD	LD	LD	LD	LD	--	LD	--
	1972	137	LD	LD	LD	LD	LD	LD	LD	LD	LD	LD	--	LD	--
	1973	100	LD	LD	LD	LD	LD	LD	LD	LD	LD	LD	--	LD	--
	1974	79	LD	LD	LD	LD	LD	LD	LD	LD	LD	LD	--	LD	--

(Continued)

*Expressed in ng/m^3.

TABLE 4-2 (Continued)

Element	Year	No.	Min.	10	30	50	70	90	95	99	Max.	Arithmetic Mean	Arithmetic Std. Dev.	Geometric Mean	Geometric Std. Dev.
Copper	1970	124	.001	.029	.056	.081	.164	.342	.526	1.053	1.195	.158	.188	.081	2.56
	1971	96	.014	.029	.086	.141	.208	.495	.648	.785	.880	.205	.196	.150	2.24
	1972	137	.001	.025	.058	.116	.193	.377	.660	.804	.812	.178	.183	.116	2.33
	1973	99	.011	.035	.075	.119	.219	.440	.571	.849	.983	.196	.196	.138	2.30
	1974	78	.023	.039	.081	.124	.238	.461	.643	.860	1.147	.208	.210	.147	2.31
Iron	1970	124	LD	.13	.22	.32	.45	.68	.85	1.58	1.62	.38	.27	.31	1.90
	1971	97	.07	.18	.27	.43	.63	.90	1.04	1.52	2.80	.51	.38	.41	1.95
	1972	137	LD	.05	.12	.19	.31	.56	.68	1.06	1.15	.25	.22	.19	2.11
	1973	99	.01	.02	.11	.16	.21	.34	.47	.88	1.19	.19	.18	.14	2.19
	1974	79	LD	.04	.12	.19	.28	.47	.55	.65	.69	.24	.17	.19	1.92
Lead	1970	124	.003	.003	.003	.003	.003	.267	.383	.628	1.471	.088	.190	.040	3.72
	1971	85	.003	.003	.003	.003	.003	.127	.204	.783	1.134	.047	.155	.008	4.80
	1972	137	.007	.007	.007	.107	.166	.294	.392	.950	1.048	.139	.169	.090	2.59
	1973	100	.015	.015	.015	.058	.132	.233	.392	.698	.939	.110	.149	.068	2.77
	1974	79	.007	.007	.053	.087	.141	.221	.317	.496	.534	.111	.111	.083	2.30
Manganese	1970	124	LD	.003	.006	.012	.018	.035	.041	.066	.068	.015	.013	.012	2.11
	1971	97	LD	.003	.009	.013	.022	.032	.041	.064	.102	.018	.015	.013	2.09
	1972	137	LD	LD	LD	.003	.007	.016	.029	.039	.046	.007	.009	.003	2.81
	1973	100	LD	LD	LD	.002	.004	.009	.011	.022	.030	.004	.005	.002	2.79
	1974	79	LD	LD	.001	.004	.007	.017	.023	.027	.033	.006	.007	.004	2.52
Nickel	1970	124	.001	.001	.001	.001	.001	.019	.024	.076	.097	.005	.014	.001	4.58
	1971	97	.001	.001	.001	.001	.001	.001	.001	.046	.083	.003	.011	.001	5.28
	1972	137	.001	.001	.001	.001	.001	.009	.015	.076	.082	.004	.012	.001	4.64
	1973	100	.001	.001	.001	.001	.001	.014	.059	.188	.280	.011	.037	.001	4.93
	1974	79	.001	.001	.001	.001	.001	.001	.006	.020	.026	.002	.004	.001	3.62

(Continued)

TABLE 4-2 (Continued)

Element	Year	No.	Min.	10	30	50	70	90	95	99	Max.	Arithmetic Mean	Arithmetic Std. Dev.	Geometric Mean	Geometric Std. Dev.
Titanium	1970	124	.002	.002	.007	.011	.015	.023	.028	.047	.093	.013	.011	.011	2.15
	1971	97	.002	.002	.002	.002	.028	.042	.059	.065	.069	.017	.020	.010	2.54
	1972	137	.002	.002	.011	.024	.038	.054	.069	.081	.092	.027	.022	.024	2.04
	1973	100	.002	.002	.012	.027	.040	.054	.068	.076	.084	.028	.021	.024	1.93
	1974	78	.003	.003	.003	.016	.026	.043	.049	.053	.066	.020	.017	.014	2.09
Vanadium	1970	124	.001	.001	.001	.001	.001	.021	.035	.112	.112	.008	.019	.001	4.04
	1971	97	.001	.001	.001	.001	.001	.001	.036	.004	.209	.007	.024	.001	5.04
	1972	137	.001	.001	.001	.001	.001	.001	.025	.047	.205	.004	.019	.001	5.77
	1973	100	.001	.001	.001	.001	.001	.001	.001	.028	.035	.002	.005	.001	3.88
	1974	79	.001	.001	.001	.001	.001	.001	.001	.021	.023	.002	.004	.001	3.36

Section V

DATA TABLES

POLLUTANT : 12105 - BERYLLIUM
METHOD : HI-VOL EMISSION SPECTRA (FLOW TEMP ASM)
UNITS : MG/CU METER (25 C)
DATA TYPE : QUARTERLY COMPOSITE
PROJ. CLASSIFICATION : URBAN
ANALYTICAL QUALITY : 1E10-1E2.69

LOWER DISCRIMINATION LEVEL (LD)

70 - .05
71 - .05
72 - .06
73 - .07
74 - .08

LOCATION	YR.	1ST. QTR.	2ND. QTR.	3RD. QTR.	4TH. QTR.	YR. AVG.
ALABAMA						
BIRMINGHAM						
STYE 003	70	.2		LD	.2	
	71	.1	.2		.2	
	72	LD	LD	LD	LD	
	73	LD	LD	LD	LD	
	74	LD	LD	LD	LD	
GADSDEN						
STYE 001	70	LD	LD	LD	LD	
	71	.2	LD	LD	.2	
	72	LD	LD	LD	LD	
	73	LD	LD	LD	LD	
	74	LD	LD	LD	LD	
HUNTSVILLE						
STYE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	.2	
	72	LD	LD	LD	LD	
	73	LD	LD	LD		
	74		LD	LD		
MOBILE						
SITE 001	70	LD		LD	LD	
	71	.2	.2			
	72	LD	LD	LD	LD	
	73	LD	LD	LD	LD	
	74		LD	LD	LD	
MONTGOMERY						
STYE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73	LD	LD	LD	LD	
	74	LD	LD	LD	LD	
ALASKA						
ANCHORAGE						
STYE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73	LD	LD	LD	LD	
	74	LD		LD		
FAIRBANKS						
STYE 001	70	LD	LD	LD		
	71				LD	
	72	LD	LD	LD	LD	
	73			LD	LD	
	74			LD		
ARIZONA						
DOUGLAS						
STYE 001	71	.2	LD			
	72	LD	LD	LD	LD	
	73			LD	LD	
	74	LD	LD	LD		
MARICOPA CO						
STYE 001	70	LD	LD	LD	LD	
	71	LD	LD		LD	
PHOENIX						
STYE 002	70	LD		LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73	LD	LD	LD	LD	
	74	LD	LD	LD	LD	
TUCSON						
STYE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73	LD	LD	LD	LD	
	74	LD	LD	LD	LD	
ARKANSAS						
LITTLE ROCK						
STYE 001	70	LD	LD	LD	LD	
	71	LD		LD	LD	
	72					
	73					
	74					
	70			LD	LD	
	71	LD		LD		
	72	LD	LD	LD	LD	
	73	LD	LD	LD	LD	
	74	LD	LD	LD		
TEXARKANA						
STYE 001	70	LD		LD	LD	
	71		.2			
	72			LD		
	73			LD		
	74			LD		
WEST MEMPHIS						
STYE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD		
	73			LD	LD	
	74			LD	LD	
CALIFORNIA						
ANAHEIM						
STYE 001	70	LD	LD	LD	LD	
	71	.2	LD	LD	.2	
	72	LD	LD	LD	LD	
	73	LD	LD	LD		
	74	LD	LD	LD	LD	
BERKELEY						
STYE 001	70	LD	LD	LD		
	71			LD	LD	
	72	LD	LD	LD	LD	
	73	LD	LD	LD	LD	
	74	LD	LD	LD	LD	
BURBANK						
STYE 002	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73	LD	LD	LD	LD	
	74	LD	LD	LD	LD	
FRESNO						
STYE 002	70	LD	LD	LD	LD	
	71	LD	LD			
	72	LD	LD	LD	LD	
	73	LD	LD	LD	LD	
	74	LD	LD	LD	LD	
GLENDALE						
STYE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73	LD	LD	LD	LD	
	74	LD	LD	LD	LD	
LONG BEACH						
STYE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73	LD	LD	LD		
	74	LD	LD	LD	LD	
LOS ANGELES						
STYE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73	LD	LD	LD	LD	
	74	LD	LD	LD	LD	
OAKLAND						
STYE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73	LD	LD	LD		
	74	LD	LD	LD	LD	
ONTARIO						
STYE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73	LD	LD	LD		
	74	LD	LD			

POLLUTANT : 12105 - BERYLLIUM
METHOD : HI-VOL EMISSION SPECTRA (FLOW TEMP ASH)
UNITS : NG/CU METER (25 C)
DATA TYPE : QUARTERLY COMPOSITE
PROJ. CLASSIFICATION : URBAN
ANALYTICAL QUALITY : 16%+-162.63

LOWER DISCRIMINATION LEVEL (LD)
70 - .05
71 - .05
72 - .06
73 - .07
74 - .08

LOCATION	YR.	1ST. QTR.	2ND. QTR.	3RD. QTR.	4TH. QTR.	YR. AVG.
CALIFORNIA						
PASADENA						
SITE 001	71	LD	LD	LD	LD	
PASADENA						
SITE 002	70	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73	LD	LD	LD		
	74	LD	LD	LD	LD	
RIVERSIDE						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD		
SACRAMENTO						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73	LD	LD	LD	LD	
	74	LD	LD	LD	LD	
SAN BERNARDINO						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	.3	LD	
	72	LD	LD	LD	LD	
	73	LD	LD	LD		
	74	LD	LD	LD	LD	
SAN DIEGO						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD		
	72	LD	LD	LD	LD	
	73	LD	LD	LD	LD	
	74	LD	LD	LD	LD	
SAN FRANCISCO						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	.7	
	72	LD	LD	LD	LD	
	73	LD	LD	LD	LD	
	74	LD	LD	LD	LD	
SAN JOSE						
SITE 002	70	LD	LD			
SAN JOSE						
SITE 003	70			LD	LD	
	71	LD	LD	LD	LD	
SAN JOSE						
SITE 004	72	LD	LD	LD		
	73		LD	LD	LD	
	74	LD	LD	LD	LD	
SANTA ANA						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	.2	LD	
	72	LD	LD	LD	LD	
	73	LD	LD	LD	LD	
	74	LD	LD	LD	LD	
TORRANCE						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD		
	72	LD	LD		LD	
	73	LD	LD	LD	LD	
	74	LD	LD	LD	LD	
COLORADO						
DENVER						
SITE 001	70	LD	LD	LD	LD	
	71	.2	LD	LD	.2	
	72	LD	LD		LD	
	73	LD				
CONNECTICUT						
BRIDGEPORT						
SITE 001	70		LD	LD	LD	
	71	LD	LD	LD	LD	
	73	LD	LD	LD		
	74					
HARTFORD						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD		LD	LD	
	73	LD				
	74	LD	LD	LD	LD	
NEW HAVEN						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	73	LD				
	74	LD	LD	LD	LD	
WATERBURY						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73	LD	LD	LD	LD	
	74	LD	LD	LD	LD	
DELAWARE						
NEWARK						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	73	LD	LD	LD		
	74	LD	LD	LD	LD	
WILMINGTON						
SITE 003	70	LD	LD	LD		
	71		.3		LD	
	72	LD		LD	LD	
	73	LD			LD	
	74	LD			LD	
DISTRICT OF COLUMBIA						
WASHINGTON						
SITE 001	70	LD	LD		LD	
	71	LD	LD	LD	LD	
	72	LD	LD		LD	
	74	LD				
FLORIDA						
JACKSONVILLE						
SITE 002	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73	LD	LD	LD	LD	
	74			LD	LD	
MIAMI						
SITE 002	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73	LD	LD	LD		
	74	LD	LD	LD	LD	
ST PETERSBURG						
SITE 002	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73	LD			LD	
	74		LD	LD	LD	
TAMPA						
SITE 002	70	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73	LD	LD	LD	LD	
	74	LD	LD	LD	LD	
GEORGIA						
ATLANTA						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73	LD	LD	LD	LD	
	74	LD	LD	LD	LD	

POLLUTANT : 12105 - BERYLLIUM
METHOD : HI-VOL EMISSION SPECTRA (LOW TEMP ASH)
UNITS : MG/CU METER (25 C)
DATA TYPE : QUARTERLY COMPOSITE
PROJ. CLASSIFICATION : URBAN
ANALYTICAL QUALITY : 1610-162.01

LOWER DISCRIMINATION LEVEL (LDL)
70 - .05
71 - .05
72 - .06
73 - .07
74 - .08

LOCATION	YR.	1ST. QTR.	2ND. QTR.	3RD. QTR.	4TH. QTR.	YR. AVG.
GEORGIA						
COLUMBUS						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73	LD	LD	LD	LD	
	74		LD	LD	LD	
SAVANNAH						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72		LD		LD	
	73	LD	LD	LD		
HAWAII						
HONOLULU						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72		LD	LD	LD	
	73	LD	LD	LD	LD	
	74	LD	LD	LD	LD	
IDAHO						
BOISE CITY						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	.2	.2	
	72	LD	LD	LD	LD	
	73	LD	LD	LD	LD	
	74	LD	LD			
ILLINOIS						
CHICAGO						
SITE 001	70					
	71	.2	.2	.2	.1	.19
	72	LD	LD	LD	LD	
	73			LD		
	74				LD	
EAST ST LOUIS						
SITE 001	70	LD				
	71	.1	LD	LD	.1	
	72	LD	LD	LD	LD	
	73	LD		LD		
	74			LD		
EAST ST LOUIS						
SITE 002	70			LD		
JOLIET						
SITE 001	70	LD	LD	LD		
	71	.2	.2	.4		
	72	LD	LD	LD	LD	
	73	LD	LD	LD		
MOLINE						
SITE 001	70		LD	LD	LD	
	71	LD	LD	LD		
	74	LD	LD	LD	LD	
NORTH CHICAGO						
SITE 002	70	LD	.4	LD	LD	
	71	LD	LD	.2	LD	
	72	LD	LD	LD	LD	
	73	LD	LD	LD		
	74	LD				
PEORIA						
SITE 001	70	.8	.3	.6	.6	.48
	71	.2	.2	.2	.2	.20
	72	LD	LD	LD	LD	
	73	LD	LD	LD		
	74					
ROCKFORD						
SITE 001	70	LD	LD			
	71	LD		LD		
	72	LD	LD	LD		
	73		LD			
	74				LD	
ROCK ISLAND						
SITE 001	70	LD	LD	.1	.2	

LOCATION	YR.	1ST. QTR.	2ND. QTR.	3RD. QTR.	4TH. QTR.	YR. AVG.
	71	.2	.2	LD	.2	.15
	72	LD	LD	LD		
	73		LD	LD		
	74		LD	LD	LD	
SPRINGFIELD						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	.1	
	72	LD	LD	LD	LD	
	73	LD	LD	LD		
	74	LD	LD	LD	LD	
INDIANA						
EAST CHICAGO						
SITE 001	70	.6	.9	.5	.8	.65
	71	.3	.6	.2	.3	.34
	74	LD	LD	LD	LD	
EVANSVILLE						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73	LD	LD	LD		
	74		LD	LD	LD	
FORT WAYNE						
SITE 001	70	LD	LD	LD	.2	
FORT WAYNE						
SITE 002	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73	LD	LD	LD		
	74	LD	LD	LD	LD	
GARY						
SITE 001	70	.6	.3	.3	.3	.31
	71	.5	.3		.3	
	72	LD	LD	LD	LD	
	73	LD	LD	LD		
	74	LD	LD	LD	LD	
HAMMOND						
SITE 001	70	.6	LD	LD	LD	
	71	LD	.3	.2	.2	.18
HAMMOND						
SITE 002	72	LD	LD	LD	LD	
	73	LD	LD	LD		
	74	LD	LD	LD	LD	
INDIANAPOLIS						
SITE 001	70	LD	LD	.2	.3	
	71	.2	.1	.1	.2	.16
	73	LD	LD	LD		
	74		LD	LD		
MUNCIE						
SITE 001	70	LD	LD			
	71			LD	.2	
	73	LD				
NEW ALBANY						
SITE 002	70	.5	LD	LD	LD	
	71	.2				
	72		LD	LD	LD	
	73	LD	LD	LD		
	74		LD			
SOUTH BEND						
SITE 002	70	LD	LD	LD	LD	
	71	.2	LD	LD		
	72		LD	LD	LD	
	73	LD	LD	LD		
	74	LD	LD	LD	LD	
TERRE HAUTE						
SITE 001	70	.3	.2	LD	.3	.20
	71	.2		.2		
	72	LD	LD	LD	LD	
	73	LD	LD			
	74		LD	LD	LD	

POLLUTANT : 17108 - BERYLLIUM
METHOD : HI-VOL EMISSION SPECTRA (LOW TEMP ASH)
UNITS : NG/CU METER (25 C)
DATA TYPE : QUARTERLY COMPOSITE
PROJ. CLASSIFICATION : URBAN
ANALYTICAL QUALITY : 1614-1627.03

LOWER DISCRIMINATION LEVEL (LDL)
70 - .05
71 - .05
72 - .06
73 - .07
74 - .08

LOCATION	YR.	1ST. QTR.	2ND. QTR.	3RD. QTR.	4TH. QTR.	YR. AVG.
IOWA						
CEDAR RAPIDS						
SITE 001	70	.2	.3	LD	LD	
	71	LD	.1	LD		
	72	LD	LD	LD	LD	
	73	LD	LD	LD	LD	
	74	LD	LD	LD	LD	
DAVENPORT						
SITE 001	70	.2	LD	LD	.2	
	71	.2	.2	LD		
	72	LD	LD	LD	LD	
	73	LD	LD	LD	LD	
	74	LD	LD	LD	LD	
DES MOINES						
SITE 001	70	LD	LD	LD	.2	
	71	LD	LD	LD	.2	
	72	LD	LD	LD	LD	
	73	LD	LD	LD	LD	
	74	LD	LD	LD	LD	
DUBUQUE						
SITE 001	70	.2	.2			
DUBUQUE						
SITE 002	71		LD			
	72	LD	LD	LD	LD	
	73	LD	LD	LD	LD	
	74	LD	LD	LD	LD	
DUBUQUE						
SITE 003	74	LD	LD	LD	LD	
WATERLOO						
SITE 001	71		LD	LD	LD	
WATERLOO						
SITE 004	72	LD	LD			
	73		LD	LD	LD	
	74	LD	LD	LD	LD	
KANSAS						
KANSAS CITY						
SITE 002	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73	LD	LD	LD	LD	
	74	LD	LD	LD	LD	
KANSAS CITY						
SITE 012	74		LD	LD	LD	
TOPEKA						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73		LD	LD	LD	
	74	LD	LD	LD	LD	
WICHITA						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD		
	73	LD	LD	LD	LD	
	74	LD	LD	LD	LD	
KENTUCKY						
ASHLAND						
SITE 002	70	.2	.2	.3	.2	.22
	71	.4	.4	.4		
	72	LD	LD	LD	LD	
	73	LD	LD		LD	
	74	LD	LD	LD	LD	
BOWLING GREEN						
SITE 001	70	.2	LD	LD	LD	
	71	LD	LD	LD	.1	
	72				LD	
	73				LD	
	74			LD	LD	
LOUISVILLE						
SITE 002	72	LD	LD			
	73			LD	LD	
	74			LD	LD	
LOUISVILLE						
SITE 003	70			LD	LD	
	71	LD		.2	.1	.2
LOUISIANA						
BATON ROUGE						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73	LD	LD	LD		
	74	LD	LD	LD	LD	
NEW ORLEANS						
SITE 002	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73	LD	LD	LD		
	74	LD	LD	LD	LD	
SHREVEPORT						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73		LD	LD	LD	
	74	LD	LD	LD	LD	
MAINE						
PORTLAND						
SITE 002	70	LD	LD	LD	LD	
	71	LD	.6	LD	LD	
	72	LD	LD			
	73		LD			
	74	LD	LD	LD		
MARYLAND						
BALTIMORE						
SITE 001	70	LD	LD	LD	LD	
	71	.2	LD		LD	
	72	LD	LD	LD	LD	
	73	LD	LD	LD	LD	
	74	LD	LD	LD	LD	
MASSACHUSETTS						
BOSTON						
SITE 001	70	LD		LD	LD	
	71		LD			
	72	LD	LD	LD		
	73				LD	
	74		LD	LD		
SPRINGFIELD						
SITE 001	70		LD		LD	
	71	LD	LD	LD	LD	
	72		LD			
	73			LD	LD	
	74		LD	LD		

POLLUTANT : 12105 - BERYLLIUM
METHOD : HI-VOL EMISSION SPECTRA (LOW TEMP ASH)
UNITS : NG/CU METER (25 C)
DATA TYPE : QUARTERLY COMPOSITE
PROJ. CLASSIFICATION : URBAN
ANALYTICAL QUALITY : ICP(+-)67.69

LOWER DISCRIMINATION LEVEL (LDL)

70 -	.05
71 -	.05
72 -	.04
73 -	.07
74 -	.08

LOCATION	YR.	1ST. QTR.	2ND. QTR.	3RD. QTR.	4TH. QTR.	YR. AVG.
MASSACHUSETTS						
FALL RIVER						
SITE 002	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72			LD	LD	
	74		LD	LD		
NEW BEDFORD						
SITE 001	70		LD			
	72		LD			
	73			LD	LD	
	74		LD	LD		
SPRINGFIELD						
SITE 002	70	LD	LD	LD	LD	
	71	LD	LD			
	72		LD	LD	LD	
	73	LD	LD			
	74		LD	LD		
WORCHESTER						
SITE 001	70	.2	LD	LD	LD	
	71	.2	.2	LD	.2	.18
	72	LD	LD	LD		
	73	LD	LD		LD	
	74		LD			
MICHIGAN						
DEARBORN						
SITE 001	70	LD	.1	LD		
	71		.2	.3		
	73	LD	LD	LD		
	74	LD	LD	LD	LD	
DETROIT						
SITE 001	70	LD	.2	LD	.2	
	71		.2	LD	.2	.17
	74			LD	LD	
FLINT						
SITE 001	70	LD	LD	LD	.2	
	71	LD	LD	LD	LD	
	72	LD	LD	LD		
	73	LD	LD	LD		
	74				LD	
GRAND RAPIDS						
SITE 001	70	LD	LD	LD	.2	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73	LD	LD	LD		
LANSING						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72		LD	LD	LD	
	73	LD	LD	LD		
	74	LD	LD	LD	LD	
SAGINAW						
SITE 001	70	.2	LD	LD	LD	
	71	LD	.2	LD	LD	
	72	LD	LD	LD		
	73	LD	LD	LD	LD	
	74	LD	LD	LD	LD	
TRENTON						
SITE 001	70	.2	LD	LD	.2	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73	LD	LD	LD		
	74		LD	LD		
MINNESOTA						
DULUTH						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73					
	74					
MINNEAPOLIS						
SITE 001	70	LD	LD	LD	.3	
	71	.2	LD	LD	.1	
	72	LD		LD	LD	
	73	LD		LD		
	74			LD		
MOORHEAD						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD		
	72	LD		LD		
	73	LD				
	74					
ST PAUL						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD		
	72	LD	LD	LD	LD	
	73	LD	LD	LD		
	74	LD	LD	LD	LD	
MISSISSIPPI						
JACKSON						
SITE 002	70	LD	LD	LD		
	71	LD	LD			
	73	LD	LD	LD	LD	
	74	LD	LD	LD	LD	
MISSOURI						
KANSAS CITY						
SITE 002	70	LD	LD	LD		
	71	LD	LD			
	73	LD	LD	LD	LD	
	74	LD	LD	LD		
ST LOUIS						
SITE 001	70	LD	LD		LD	
	71	.2	.2	LD	LD	
	72	LD	LD	LD	LD	
	73				LD	
	74	LD	LD	LD	LD	
MONTANA						
HELENA						
SITE 001	70	LD	LD	LD		
	71	LD	LD	LD	LD	
	72		LD			
NEBRASKA						
LINCOLN						
SITE 002	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73	LD	LD	LD	LD	
	74	LD	LD	LD	LD	
OMAHA						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	.1	
	72	LD	LD	LD	LD	
	73	LD	LD	LD	LD	
	74	LD	LD	LD	LD	
NEVADA						
LAS VEGAS						
SITE 001	70	LD	LD	LD		
	71	LD	LD	LD		
	72	LD				
	74		LD		LD	
RENO						
SITE 001	70	LD	LD	LD		
	71	LD	LD	LD		
	72	LD	LD	LD	LD	
	73	LD	LD	LD	LD	
	74	LD	LD	LD	LD	

POLLUTANT : 12105 - BERYLLIUM
METHOD : HI-VOL EMISSION SPECTRA (FLOW TEMP ATM)
UNITS : NG/CU METER (25 C)
DATA TYPE : QUARTERLY COMPOSITE
PROJ. CLASSIFICATION : URBAN
ANALYTICAL QUALITY : IF(+-)67.4%

LOWER DISCRIMINATION LEVEL (LDL)

70 -	.05
71 -	.05
72 -	.04
73 -	.07
74 -	.08

LOCATION	YR.	1ST. QTR.	2ND. QTR.	3RD. QTR.	4TH. QTR.	YR. AVG.
*NEW HAMPSHIRE						
CONCORD						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73	LD			LD	
	74	LD	LD	LD		
*NEW JERSEY						
BAYONNE						
SITE 001	70	LD	LD	LD		
	72		LD	LD	LD	
	74		LD	LD	LD	
BURLINGTON CO						
SITE 002	70	LD	LD	LD	LD	
	71	.2	LD	LD	LD	
CAMDEN						
SITE 001	70	LD	LD	LD	LD	
	71	.2	LD			
	72		LD	LD		
	73			LD	LD	
	74	LD	LD			
CAMDEN CO						
SITE 002	72		LD	LD		
ELIZABETH						
SITE 002	70	LD	LD	LD	LD	
	71	.2	LD	LD	LD	
	72	LD	LD	LD		
	73			LD	LD	
	74	LD	LD	LD	LD	
GLASSBORO						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD		
	72	LD	LD	LD	LD	
	73			LD	LD	
	74	LD	LD	LD	LD	
HAMILTON						
SITE 001	70		LD	LD	LD	
	71	.1	LD			
JERSEY CITY						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73		LD	LD		
	74		LD		LD	
NEWARK						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD		
	72	LD	LD	LD	LD	
	73			LD	LD	
	74	LD	LD	LD	LD	
PATERSON						
SITE 001	70	LD	.2	LD	LD	
	71	LD	LD			
	73				LD	
	73			LD	LD	
	74	LD	LD		LD	
PERTH AMBOY						
SITE 001	70	LD	LD	LD	LD	
	71	.2	.2	LD	LD	
	72	LD	LD	LD	LD	
	74		LD	LD		
TRENTON						
SITE 001	70	LD	LD	LD	LD	
	71		.2	LD	LD	
	72	LD	LD	LD	LD	
	73			LD	LD	
	74	LD	LD	LD	LD	

LOCATION	YR.	1ST. QTR.	2ND. QTR.	3RD. QTR.	4TH. QTR.	YR. AVG.
*NEW MEXICO						
ALBUQUERQUE						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73	LD	LD	LD		
	74	LD	LD	LD	LD	
*NEW YORK						
ALBANY						
SITE 001	70	LD	.2	.2		
	71	.2	LD	LD		
	72	LD	LD	LD	LD	
	73		LD	LD	LD	
	74	LD	LD	LD	LD	
BUFFALO						
SITE 001	70	LD	LD	.2	LD	
	71	LD	.2	LD	LD	
	72	LD	LD	LD	LD	
	73		LD	LD	LD	
	74	LD	LD	LD	LD	
NEW YORK CITY						
SITE 001	70	LD	LD	LD	LD	
	71	.2	LD		LD	
	72	LD	LD	LD	LD	
	73		LD	LD	LD	
	74	LD	LD	LD	LD	
NIAGARA FALLS						
SITE 001	70	.2	LD	LD	LD	
	71	.3	.2	.1	LD	.16
	72	LD	LD	LD	LD	
	73			LD	LD	
	74	LD	LD	LD	LD	
ROCHESTER						
SITE 001	70	LD	LD	LD	LD	
	71	.2	.2	LD	.2	.17
	72	LD	LD	LD	LD	
	73		LD	LD	LD	
	74	LD	LD	LD	LD	
SYRACUSE						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73		LD	LD	LD	
	74	LD	LD	LD	LD	
UTICA						
SITE 001	70	LD	LD	LD	LD	
	71	.2	LD	LD	LD	
	72	LD	LD	LD	LD	
	73				LD	
	74		LD		LD	
YONKERS						
SITE 001	70	LD	LD	LD	LD	
	71	.2		.2	.2	
	72	LD	LD	LD		
	74			LD	LD	
*NORTH CAROLINA						
CHARLOTTE						
SITE 001	70	.5	.2	LD	LD	
	71	.2	.3			
	72	LD	LD	LD	LD	
	73	LD	LD	LD	LD	
	74	LD	LD	LD	LD	
DURHAM						
SITE 001	70	.2	LD	LD	.2	
	71		LD	.1	.1	
	72	LD	LD	LD	LD	
	73	LD	LD	LD	LD	
	74	LD	LD	LD	LD	

POLLUTANT : 12105 - BERYLLIUM
METHOD : HI-VOL EMISSION SPECTRA (LOW TEMP ASH)
UNITS : NG/CU METER (25 C)
DATA TYPE : QUARTERLY COMPOSITE
PROJ. CLASSIFICATION : URBAN
ANALYTICAL QUALITY : 1S74-1S2,83

LOWER DISCRIMINATION LEVEL (LD)
70 - .05
71 - .05
72 - .06
73 - .07
74 - .08

LOCATION	YR.	1ST. QTR.	2ND. QTR.	3RD. QTR.	4TH. QTR.	YR. AVG.
NORTH CAROLINA						
GREENSBORO						
SITE 001	70	LD	LD	LD	LD	
	71	LD	.1			
	72	LD	LD	LD	LD	
	73	LD	LD	LD	LD	
	74	LD	LD	LD	LD	
WINSTON-SALEM						
SITE 002	70	LD	.6	LD	LD	
	71	.6		.3	.6	
	72	LD	LD	LD		
	73		LD	LD	LD	
	74	LD	LD	LD	LD	
NORTH DAKOTA						
BISMARCK						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73	LD	LD	LD	LD	
OHIO						
AKRON						
SITE 001	70	.7		LD	LD	
	71	.7	.2	.2	.6	.29
	72	LD	LD	LD		
	73	LD	LD	LD		
	74		LD	LD		
CANTON						
SITE 001	70	LD	.2	LD	.2	
	71	.1	.2	.2	.7	.22
	72	LD		LD	LD	
	73	LD	LD	LD		
	74		LD	LD	LD	
CINCINNATI						
SITE 001	70	.2	.2	LD	.2	.15
	71	.1	.3	.3	.2	.26
	72	LD	LD	LD	LD	
	74		LD		LD	
CLEVELAND						
SITE 001	70	.1	LD	.3	LD	
	71	.2	.1			
	72	LD	LD		LD	
	74				.1	
COLUMBUS						
SITE 001	70	.2	.2	LD	LD	
	71	LD	.2	LD	.2	
	72	LD	LD	LD	LD	
	73	LD				
	74				.2	
DAYTON						
SITE 001	70	LD	.1	LD	.2	
	71	.2	.2	.2	.4	.24
	72	LD	LD	LD	LD	
	73	LD	LD	LD		
	74	LD			LD	
IRONTON						
SITE 002	71	.1	.2	.2	.2	.22
	72	LD	LD	LD	LD	
	73	LD	LD	LD		
	74		LD			
PORTSMOUTH						
SITE 002	71	.2	LD	LD	.2	
	72	LD	LD	LD	LD	
	73	LD	LD	LD		
	74		LD			
STEUBENVILLE						
SITE 001	71	.6	.7	.4	.6	.52
	72	LD				
	73	LD	LD	LD		
	74			LD		

LOCATION	YR.	1ST. QTR.	2ND. QTR.	3RD. QTR.	4TH. QTR.	YR. AVG.
TOLEDO						
SITE 001	70	LD	.2	.2		
	71	.2	LD	LD	LD	
	72	LD	LD	LD	LD	
	73		LD	LD	LD	
	74		LD	LD	LD	
YOUNGSTOWN						
SITE 001	70	.2	LD	.3	.5	.28
	71	LD	.6	.2	.2	.20
	72	LD	LD	LD	LD	
	73			LD		
	74	LD	LD		LD	
OKLAHOMA						
OKLAHOMA CITY						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD			
OKLAHOMA CITY						
SITE 015	72	LD	LD	LD	LD	
	73	LD	LD			
	74	LD	LD	LD	LD	
OKLAHOMA CITY						
SITE 029	73	LD	LD	LD		
	74	LD	LD	LD	LD	
TULSA						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD		
	73	LD	LD	LD	LD	
	74	LD	LD	LD	LD	
OREGON						
EUGENE						
SITE 001	70	LD	LD	LD		
MEDFORD						
SITE 001	70	LD	LD	LD		
	71	LD	LD			
PORTLAND						
SITE 001	70	.1	LD	LD	LD	
	71	LD		.2	LD	
	72	LD	LD	LD	LD	
	73			LD		
	74	LD	LD			
PENNSYLVANIA						
ALLENTOWN						
SITE 001	70	.1	LD	LD	.1	
	71	.2	.2	LD	LD	
	72	LD	LD	LD	LD	
	73	LD	LD	LD	LD	
	74	LD	LD	LD	LD	
ALTOONA						
SITE 001	70	.1	.2	.6	.7	.29
	71	LD	LD	LD	.1	
	72	LD	LD	LD	LD	
	73	LD	LD	LD	LD	
	74		LD	LD	LD	
BETHLEHEM						
SITE 002	70	LD	LD	LD	LD	
	71	.1	.2	LD	LD	
	72	LD	LD	LD	LD	
	73	LD	LD	LD	LD	
	74	LD	LD	LD		
CLEARFIELD CO						
SITE 001	73	LD	LD	LD		
ERIE						
SITE 002	70	.2	.6	LD	.3	.24
	71	.2	LD	.2	LD	
	72	LD	LD	LD	LD	
	73	LD	LD	LD	LD	
	74		LD	LD	LD	

POLLUTANT : 12105 - BERYLLIUM
METHOD : HI-VOL EMISSION SPECTRA (LOW TEMP ASH)
UNITS : NG/CU METER (25 C)
DATA TYPE : QUARTERLY COMPOSITE
PROJ. CLASSIFICATION : URBAN
ANALYTICAL QUALITY : 161+-162.43

LOWER DISCRIMINATION LEVEL (LDL)
70 - .05
71 - .05
72 - .04
73 - .07
74 - .08

LOCATION	YR.	1ST. QTR.	2ND. QTR.	3RD. QTR.	4TH. QTR.	YR. AVG.
PENNSYLVANIA						
HARRISBURG						
SITE 001	70	LD	LD	LD	LD	
	71	.2	.2	LD	LD	.15
	72	LD	LD	LD	LD	
	73	LD	LD		LD	
	74		LD			
HAZLETON						
SITE 001	70	LD			3.0	
	71	.2	.1	.3	.2	.21
	72	LD	LD	LD	LD	
	73	LD	LD	LD	LD	
	74	LD	LD	LD	LD	
JOHNSTOWN						
SITE 001	70	LD	.2	LD	LD	
	71	.2	.2			
LANCASTER CITY						
SITE 001	70	LD	LD			
	71			LD	.2	
LANCASTER CITY						
SITE 002	70			LD		
	72		LD	LD	LD	
	74	LD	LD	LD		
PHILADELPHIA						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	.2	LD	
PHILADELPHIA						
SITE 004	72	LD	LD	LD	LD	
	73	LD				
	74	LD	LD	LD	LD	
PITTSBURGH						
SITE 001	70	.5	LD	LD	LD	
	71	.2	.3	.2	.3	
	74	LD	LD	LD	LD	
READING						
SITE 001	70	.3	LD	LD	LD	
	71	.2	.3	.2		
	72	LD	LD	LD	LD	
	73	LD	LD	LD		
SCRANTON						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	.2	
	72	LD	LD	LD	LD	
	73	LD	LD	LD	LD	
	74	LD	LD	LD	LD	
WARMINSTER						
SITE 001	70	LD	LD	LD	.2	
	71	.2	LD			
	74		LD	LD		
WEST CHESTER						
SITE 001	70	LD	LD	LD		
	71	LD				
	73	LD	LD	LD		
WILKES-BARRE						
SITE 001	70	LD	LD	LD	LD	
	71	.2	LD	LD	.2	
	72	LD	LD	LD	LD	
	73	LD	LD	LD	LD	
	74	LD	LD	LD	LD	
YORK						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	.2	
	72	LD	LD	LD	LD	
	73	LD	LD	LD	LD	
	74	LD				
PUERTO RICO						
BAYAMON						
SITE 002	70	LD	LD	LD	LD	
	71	LD	LD	LD		
	72	LD	LD	LD	LD	
	73		LD	LD	LD	
	74	LD	LD	LD		
CATANO						
SITE 002	70	LD	LD	LD	LD	
	71	LD	LD			
	72	LD	LD	LD	LD	
	73		LD	LD	LD	
	74		LD	LD		
GUAYANILLA						
SITE 002	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73		LD	LD	LD	
	74	LD	LD	LD		
PONCE						
SITE 002	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73		LD	LD	LD	
	74	LD	LD	LD		
SAN JUAN						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD		
	72	LD	LD	LD	LD	
	73		LD	LD	LD	
	74	LD	LD	LD		
RHODE ISLAND						
EAST PROVIDENCE						
SITE 001	70	LD	LD	LD	LD	
	71	LD		LD	LD	
	72	LD	LD	LD	LD	
	73			LD		
	74					
PROVIDENCE						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73	LD	LD	LD	LD	
	74	LD	LD		LD	
SOUTH CAROLINA						
COLUMBIA						
SITE 001	70	LD	LD	LD		
	71	LD	LD			
	72	LD	LD	LD	LD	
	73	LD	LD	LD	LD	
	74		LD	LD	LD	
GREENVILLE						
SITE 001	70	LD	LD	LD	LD	
	71	.2	LD	LD	LD	
	72	LD	LD	LD	LD	
	73	LD	LD	LD	LD	
	74	LD	LD	LD	LD	
SOUTH DAKOTA						
SIOUX FALLS						
SITE 001	70	LD		LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD		
	73	LD	LD	LD		
TENNESSEE						
CHATTANOOGA						
SITE 001	70	LD	LD	LD	LD	
	71	.2	.2	.2		
	72	LD	LD	LD	LD	
	73	LD	LD			
	74			LD		

POLLUTANT : 12108 - ASBESTOS
METHOD : HI-VOL EMISSION SPECTRA (LOW TEMP ASH)
UNITS : NF/CU METER (25 C)
DATA TYPE : QUARTERLY COMPOSITE
PROJ. CLASSIFICATION : URBAN
ANALYTICAL QUALITY : ICI--187.89

LOWER DISCRIMINATION LEVEL (LDL)
70 - .05
71 - .05
72 - .06
73 - .07
74 - .08

LOCATION	YR.	1ST. QTR.	2ND. QTR.	3RD. QTR.	4TH. QTR.	YR. AVG.
TENNESSEE						
KNOXVILLE						
SITE 001	70	.7	LD	LD		
KNOXVILLE						
SITE 002	71	.7	.1	.2	.7	.16
	72	LD	LD	LD	LD	
	74		LD	LD	LD	
MEMPHIS						
SITE 001	70	.7	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73	LD	LD	LD	LD	
	74	LD	LD	LD	LD	
NASHVILLE						
SITE 001	70	.7	LD	LD	LD	
	71	LD	.7			
	72	LD	LD		LD	
	73	LD	LD	LD	LD	
	74	LD	LD	LD		
TEXAS						
AMARILLO						
SITE 002	71	LD				
	74		LD			
AUSTIN						
SITE 002	70			LD	LD	
	71	LD	LD	LD	LD	
	74	LD	LD			
BEAUMONT						
SITE 001	70			LD	LD	
	71	LD	LD			
	74		LD			
CORPUS CHRISTI						
SITE 001	70			LD	LD	
	71	LD		LD		
	74		LD	LD		
DALLAS						
SITE 002	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73	LD	LD	LD	LD	
	74	LD	LD	LD	LD	
EL PASO						
SITE 002	70	LD	LD	LD	LD	
	71	LD	LD	LD		
	72	LD	LD	LD	LD	
	73	LD	LD	LD	LD	
	74	LD	LD	LD	LD	
FORT WORTH						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73	LD	LD	LD	LD	
	74	LD	LD	LD	LD	
HOUSTON						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73	LD	LD	LD	LD	
	74	LD	LD	LD	LD	
LUBBOCK						
SITE 001	70			LD	LD	
	71	LD	LD	LD		
	74		LD			
PASADENA						
SITE 002	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73	LD	LD	LD	LD	
	74	LD	LD	LD	LD	
SAN ANTONIO						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73	LD	LD	LD	LD	
	74	LD	LD	LD	LD	
WICHITA FALLS						
SITE 001	70			LD		
	71	LD	LD	LD		
WICHITA FALLS						
SITE 002	74	LD		LD		
UTAH						
OGDEN						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73	LD	LD	LD	LD	
SALT LAKE CITY						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	73	LD	LD	LD	LD	
VERMONT						
BURLINGTON						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD			
	74	LD	LD	LD	LD	
VIRGINIA						
DANVILLE						
SITE 001	70	LD	LD	.2	LD	
	71	.2	.2	LD		
	72	LD	LD	LD	LD	
	73	LD	LD	LD		
	74	LD	LD			
FAIRFAX CO						
SITE 001	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73	LD	LD	LD		
HAMPTON						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73	LD	LD	LD	LD	
	74	LD	LD	LD	LD	
LYNCHBURG						
SITE 001	70	.1	LD	LD	.1	
	71	.2	.2	LD	.	.14
	72	LD	LD	LD	LD	
	73	LD	LD			
	74			LD	LD	
NEWPORT NEWS						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD		
	73	LD	LD	LD		
	74	LD	LD			
NORFOLK						
SITE 001	70	.2	LD	LD	.2	
	71	.2	LD	LD	LD	
	72	LD	LD	LD	LD	
	73	LD	LD	LD	LD	
	74	LD	LD	LD	.1	

POLLUTANT : 12105 - BERYLLIUM
METHOD : HI-VOL EMISSION SPECTRA (LOW TEMP ASH)
UNITS : NG/CU METER (25 C)
DATA TYPE : QUARTERLY COMPOSITE
PROJ. CLASSIFICATION : URBAN
ANALYTICAL QUALITY : 16(+-)62.43

LOCATION	YR.	1ST. QTR.	2ND. QTR.	3RD. QTR.	4TH. QTR.	YR. AVG.
VIRGINIA						
PORTSMOUTH						
SITE 001	70	LD	LD	LD	LD	
	71	.1	LD		LD	
	72	LD	LD	LD	LD	
	73	LD	LD	LD	LD	
	74		LD		LD	
RICHMOND						
SITE 002	70	.2	.2	LD	LD	
	71				LD	
	72	LD	LD			
	74	LD	LD	LD	LD	
ROANOKE						
SITE 001	70	LD	LD	LD	LD	
	71	.2	.2	LD	.1	.14
	72	LD	LD	LD		
	73	LD		LD	LD	
	74	LD	LD	LD		
WASHINGTON						
SEATTLE						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD		
	73	LD	LD	LD	LD	
	74	LD	LD			
SPOKANE						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73	LD	LD	LD		
	74	LD	LD			
TACOMA						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73	LD	LD	LD	LD	
	74	LD				
WEST VIRGINIA						
CHARLESTON						
SITE 001	70	.4	.8	.7	.7	.52
	71	.5	.5	.2	LD	.30
	74	LD	LD	LD	LD	
HUNTINGTON						
SITE 001	71		.3	.2	.2	
HUNTINGTON						
SITE 005	72	LD		LD	LD	
	73	LD		LD	LD	
	74	LD				
SOUTH CHARLESTON						
SITE 001	70	.2	.6	.4	LD	.31

LOWER DISCRIMINATION LEVEL (LD)
70 - .05
71 - .05
72 - .04
73 - .07
74 - .08

LOCATION	YR.	1ST. QTR.	2ND. QTR.	3RD. QTR.	4TH. QTR.	YR. AVG.
	71	.4	.5	.3	.2	.35
	72	LD			LD	
	73	LD	LD	LD		
	74	LD	LD	LD	LD	
WISCONSIN						
EAU CLAIRE						
SITE 002	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73	LD	LD	LD		
	74	LD				
KENOSHA						
SITE 001	70	LD	LD	LD	LD	
	71	.1	.2	LD	.2	.12
	72	LD	LD	LD	LD	
	73	LD	LD	LD		
	74				LD	
MADISON						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73	LD	LD	LD		
	74	LD	LD	LD	LD	
MILWAUKEE						
SITE 001	70	LD	LD	LD	LD	
	71	.2	LD	LD	LD	
	72	LD	LD	LD	LD	
	73	LD	LD	LD		
	74			LD	LD	
RACINE						
SITE 001	70	LD	LD	LD	LD	
	71		LD	LD	.2	
	72	LD	LD	LD	LD	
	73	LD	LD	LD		
	74	LD	LD	LD	LD	
SUPERIOR						
SITE 001	70	LD	LD	LD	LD	
	71	.2	LD	LD		
	72	LD	LD			
	73		LD		LD	
	74		LD			
WYOMING						
CASPER						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72		LD	LD	LD	
	73	LD	LD	LD	LD	
CHEYENNE						
SITE 001	70	.3	LD	LD	.4	
	71	.4	LD	LD	LD	
	72		LD	LD	LD	
	73	LD				

POLLUTANT : 12105 - BERYLLIUM
METHOD : HI-VOL EMISSION SPECTRA (LOW TEMP ASH)
UNITS : NG/CU METER (25 C)
Data TYPE : QUARTERLY COMPOSITE
PROJ. CLASSIFICATION : NON-URBAN
ANALYTICAL QUALITY : 1614-162.69

LOWER DISCRIMINATION LEVEL (LDL)
70 - .050
71 - .050
72 - .080
73 - .070
74 - .080

LOCATION	YR.	1ST. QTR.	2ND. QTR.	3RD. QTR.	4TH. QTR.	YR. AVG.
*ARIZONA						
GRAND CANYON NAT						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD		
	72				LD	
	73	LD	LD		LD	
	74	LD	LD	LD	LD	
MARICOPA CO						
SITE 005	73	LD		LD	LD	
	74	LD	LD			
*ARKANSAS						
MONTGOMERY CO						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD		
	72	LD		LD	LD	
	73	LD	LD	LD		
	74	LD	LD	LD	LD	
*CALIFORNIA						
HUMBOLDT CO						
SITE 001	70	LD	LD	LD	.24	
	71	LD				
*COLORADO						
MESA VERDE NAT PA						
SITE 002	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72		LD	LD	LD	
	73	LD	LD	LD	LD	
*DELAWARE						
KENT CO						
SITE 001	70	LD	LD	LD		
	71	LD			LD	
	72			LD	LD	
	73			LD		
*FLORIDA						
HARDEE CO						
SITE 004	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73				LD	
	74	LD	LD			
*HAWAII						
HAWAII CO						
SITE 001	72	LD	LD	LD	LD	
	73			LD	LD	
	74	LD	LD		LD	
HAWAII CO						
SITE 002	73	LD	LD	LD	LD	
	74	LD	LD		LD	
HAWAII VOLCANOES						
SITE 001	73	LD	LD	LD	LD	
	74	LD	LD	LD	LD	
*IDAHO						
BLAINE CO						
SITE 001	70	LD	LD	LD	LD	
	73	LD	LD	LD	LD	
	74	LD	LD	LD	LD	
*INDIANA						
PORTER CO						
SITE 001	70	LD	LD	LD	LD	
	71	.15	LD	.12	LD	
	72	LD	LD	LD	LD	
	73	LD	LD			
	74		LD	LD		
PARKE CO						

LOCATION	YR.	1ST. QTR.	2ND. QTR.	3RD. QTR.	4TH. QTR.	YR. AVG.
SITE 001	70	LD	LD	LD	.24	
	71	LD	LD	LD	LD	
	72	LD	LD	LD		
	74		LD			
*LOUISIANA						
TERREBYLLE PAR						
SITE 001	74	LD	LD	LD	LD	
*MAINE						
ACADIA NAT PARK						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73		LD	LD	LD	
	74	LD	LD	LD		
*MARYLAND						
CALVERT CO						
SITE 001	70	LD				
	72		LD	LD		
	73				LD	
	74			LD		
*MISSISSIPPI						
JACKSON CO						
SITE 001	70	LD	LD	LD		
	71		LD	LD	LD	
	72	LD	LD	LD	LD	
	73	LD	LD	LD	LD	
	74	LD	LD	LD	LD	
*MISSOURI						
SHANNON CO						
SITE 002	70	LD	LD	LD	LD	
	71	LD	LD	LD		
	72		LD	LD	LD	
	73	LD	LD	LD	LD	
	74	LD	LD	LD	LD	
*MONTANA						
GLACIER NAT PARK						
SITE 001	70	LD	LD	LD		
	71	LD	LD	LD	LD	
	73	LD	LD	LD	LD	
*NEBRASKA						
THOMAS CO						
SITE 001	70	LD	LD	LD	LD	
	71	LD			LD	
	72	LD		LD	LD	
	73	LD	LD	LD	LD	
	74	LD	LD			
*NEVADA						
WHITE PINE CO						
SITE 001	70	LD	LD	LD	LD	
	71	LD			LD	
	72	LD	LD	LD	LD	
	73	LD	LD	LD	LD	
	74	LD	LD	LD	LD	
*NEW HAMPSHIRE						
BELKNAP CO						
SITE 001	72	LD	LD	LD		
	73	LD		LD		
*NEW MEXICO						
RIO ARRIBA CO						
SITE 001	70	LD				
	71		LD			
	72	LD	LD	LD	LD	

POLLUTANT : 12105 - BERYLLIUM
METHOD : HI-VOL EMISSION SPECTRA (LOW TEMP ASH)
UNITS : NG/CU METER (STP)
DATA TYPE : QUARTERLY COMPOSITE
PROJ. CLASSIFICATION : NON-URBAN
ANALYTICAL QUALITY : 1614-167.01

LOWER DISCRIMINATION LEVEL (LDL)
70 - .050
71 - .050
72 - .040
73 - .070
74 - .080

LOCATION	YR.	1ST. QTR.	2ND. QTR.	3RD. QTR.	4TH. QTR.	YR. AVG.
NEW YORK						
JEFFERSON CO						
STATE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD		
	73			LD		
	74	LD	LD	LD		
NORTH CAROLINA						
CAPE HATTERAS NATI						
STATE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD		
	72	LD	LD			
OKLAHOMA						
CHEROKEE CO						
STATE 001	70	LD	LD	LD	LD	
	71	.17	LD		LD	
	72	LD	LD	LD	LD	
	73	LD	LD	LD	LD	
	74	LD	LD	LD		
OREGON						
CURRY CO						
STATE 001	70	LD	LD	LD	LD	
	71	LD				
	72	LD	LD	LD	LD	
	73	LD	LD	LD		
	74	LD				
PENNSYLVANIA						
CLARION CO						
STATE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	74	LD	LD	LD		
INDIANA CO						
STATE 001	73	LD	LD			
INDIANA CO						
STATE 002	73				LD	
	74	LD			LD	
INDIANA CO						
STATE 003	73	LD	LD	LD	LD	
RHODE ISLAND						
WASHINGTON CO						
STATE 002	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD		
	73			LD	LD	
	74	LD				
SOUTH CAROLINA						
RICHLAND CO						
STATE 002	70	LD				
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73	LD	LD	LD	LD	
	74	LD	LD	LD		
SOUTH DAKOTA						
BLACK HILLS NAT FI						
STATE 001	70	LD	LD	LD		
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	

LOCATION	YR.	1ST. QTR.	2ND. QTR.	3RD. QTR.	4TH. QTR.	YR. AVG.
	70	LD	LD	LD	LD	
TENNESSEE						
CUMBERLAND CO						
STATE 001	70	LD	LD	LD	LD	
	71	LD				
TEXAS						
MATAGORDA CO						
STATE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD		
	72	LD	LD	LD	LD	
	73	LD	LD	LD	LD	
	74	LD	LD	LD	LD	
TOM GREEN CO						
STATE 001	70	LD	LD	LD	LD	
	71	.24	LD		LD	
	72	LD	LD	LD	LD	
	73	LD	LD	LD	LD	
	74	LD	LD	LD		
VERMONT						
ORANGE CO						
STATE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD		
	72	LD	LD	LD	LD	
	73			LD	LD	
	74	LD	LD	LD	LD	
VIRGINIA						
SHENANDOAH NAT PA						
STATE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD		
	72	LD	LD	LD	LD	
	74		LD	LD		
WYTHE CO						
STATE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD		
	72	LD	LD	LD	LD	
	73	LD	LD	LD	LD	
	74	LD	LD		LD	
WASHINGTON						
KING CO						
STATE 002	70	LD	LD	LD	LD	
	71	LD	LD			
	72	LD	LD	LD	LD	
	73	LD	LD	LD	LD	
	74	LD				
WISCONSIN						
DOOR CO						
STATE 001	70	LD	LD			
	71		LD	LD		
	72	LD	LD	LD	LD	
	73	LD	LD	LD		
WYOMING						
GRAND TETON NAT PA						
STATE 001	70		LD	LD	LD	
	71	LD	LD	LD	LD	
YELLOWSTONE NAT PA						
STATE 001	70	LD	LD	LD		
	71	LD	LD	LD		
	72		LD	LD	LD	
	73	LD	LD	LD	LD	

POLLUTANT : 12110 - CADMIUM
METHOD : HI-VOL EMISSION SPECTRA (LOW TEMP ASH)
UNITS : UG/CU METER (25 C)
DATA TYPE : QUARTERLY COMPOSITE
PROJ. CLASSIFICATION : URBAN
ANALYTICAL QUALITY : 95.0-105.0%

LOWER DISCRIMINATION LEVEL (LD)
70 - .0002
71 - .0002
72 - .0002
73 - .0003
74 - .0004

LOCATION	YR.	1ST. QTR.	2ND. QTR.	3RD. QTR.	4TH. QTR.	YR. AVG.
ALABAMA						
BIRMINGHAM						
SITE 003	70	LD		.014	.011	
	71	LD	.007		.011	
	72	LD	.007	LD	.005	
	73	LD	LD	LD	LD	
	74	.0004	LD	LD	LD	
DADEVEN						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73	LD	LD	LD	LD	
	74	LD	LD	LD	LD	
HUNTSVILLE						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73	LD	LD	LD		
	74		LD	LD		
MOBILE						
SITE 001	70	LD		LD	LD	
	71	LD	LD			
	72	LD	LD	LD	LD	
	73	LD	LD		LD	
	74		LD	LD	.011	
MONTGOMERY						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73	LD	LD		LD	
	74	LD	LD	LD	LD	
ALASKA						
ANCHORAGE						
SITE 003	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73	LD	LD	LD	LD	
	74	LD		LD		
FAIRBANKS						
SITE 001	70	LD	LD	LD		
	71				LD	
	72	LD	LD	LD	LD	
	73			LD	LD	
	74			LD		
ARIZONA						
DOUGLAS						
SITE 001	71	.0020	.0016			
	72	.0019	.0006	LD	.0017	.0137
	73			.0006	.0018	
	74	.0006	.0007	LD		
MARICOPA CO						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD		.011	
PHOENIX						
SITE 002	70	LD		LD	.0009	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73	LD	LD	LD	LD	
	74	LD	LD	LD	LD	
TUCSON						
SITE 001	70	.0007	LD	.0006	.0017	.0065
	71	.0022	.0014	.0004	.0040	.0251
	72	.0019	.0005	LD	LD	
	73	LD	.0006	.0006	LD	
	74	LD	LD	.0011	.0019	
ARKANSAS						
LITTLE ROCK						
SITE 001	70	LD	LD	.0008	LD	
	71	.0051		.0006	.0006	
	72					
	73					
	74					
CALIFORNIA						
ANAHEIM						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	.0295	.0069	
	72	LD	LD	LD	LD	
	73	LD	LD	LD		
	74	LD	LD	LD	LD	
ARVIN						
SITE 001	70	LD	LD	LD		
	71			.0011	.0037	
	72	LD	LD	LD	LD	
	73	LD	LD	LD	LD	
	74	LD	LD	LD	LD	
BURBANK						
SITE 002	70	LD	LD	LD	LD	
	71	.0021	LD	.0006	LD	
	72	.0007	LD	LD	LD	
	73	LD	LD	LD	LD	
	74	LD	LD	LD	LD	
FRESNO						
SITE 002	70	LD	LD	LD	LD	
	71	LD	LD			
	72	LD	LD	LD	LD	
	73	LD	LD	LD	LD	
	74	LD	LD	LD	LD	
GLENDALE						
SITE 001	70	LD	LD	LD	LD	
	71	.0011	LD	LD	LD	
	72	LD	LD	LD	LD	
	73	LD	LD	LD	LD	
	74	LD	LD			
LONG BEACH						
SITE 001	70	LD	LD	LD	LD	
	71	.0006	LD	LD	LD	
	72	LD	LD	LD	LD	
	73	LD	LD	LD		
	74	LD	LD	LD	LD	
LOS ANGELES						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	.0017	
	73	LD	LD	LD	LD	
	74	LD	LD	LD	LD	
OAKLAND						
SITE 001	70	LD	LD	LD	.0006	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73	LD	LD	LD		
	74	LD	.0005	LD	LD	
ONTARIO						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	.0069	
	72	LD	LD	LD	LD	
	73	LD	LD			
	74	LD	LD			

POLLUTANT : 12110 = CADMIUM
METHOD : HI-VOL EMISSION SPECTRA (LOW TEMP ASH)
UNITS : UG/CU METER (25 C)
DATA TYPE : QUARTERLY COMPOSITE
PROJ. CLASSIFICATION : URBAN
ANALYTICAL QUALITY : 91+-10%,8&9

LOCATION	YR.	1ST. QTR.	2ND. QTR.	3RD. QTR.	4TH. QTR.	YR. AVG.
CALIFORNIA						
PASADENA						
SITE 001	71	LD	LD	LD	LD	
PASADENA						
SITE 002	70	.005	LD	LD	LD	
	73		LD	LD	LD	
	77	LD	LD	LD		
	76	LD	LD	LD	LD	
RIVERSIDE						
SITE 001	70	LD	LD	LD	LD	
	71	LD			.005	
	72	LD	LD	LD		
SACRAMENTO						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	77	LD	LD	LD	LD	
	76	LD	LD	.005	LD	
SAN BERNARDINO						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	.005	LD	
	72	LD	LD	LD		
	77	LD	LD	LD		
	76	LD	LD	LD	LD	
SAN DIEGO						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD		
	72	LD	LD	LD	LD	
	73	LD	LD	LD	LD	
	76	LD	LD	LD	LD	
SAN FRANCISCO						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73	LD	LD	LD	LD	
	76	LD	LD	LD	LD	
SAN JOSE						
SITE 002	70	LD	LD			
SAN JOSE						
SITE 003	70			LD	.007	
	71	.010	LD	LD		
SAN JOSE						
SITE 004	72	LD	LD	LD		
	73		LD	LD	LD	
	76	LD	LD	LD	LD	
SANTA ANA						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73	LD	LD	LD	LD	
	76	LD	LD	LD	LD	
TORRANCE						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	.005		
	72	LD	LD		LD	
	73	LD	LD	LD	LD	
	76	LD	LD	LD	LD	
COLORADO						
DENVER						
SITE 001	70	.007	LD	.007	.026	.0102
	71	.017	.004	.004	.016	.0101
	72	LD	LD		.016	
	73	.010				
CONNECTICUT						
BRIDGEPORT						
SITE 001	70	.027	LD	.011	.011	.0117
	71	.007	LD	LD	LD	
	72	.005	LD	.009	.009	.0057

LOWER DISCRIMINATION LEVEL (LDL)
70 - .0002
71 - .0002
72 - .0002
73 - .0003
76 - .0004

LOCATION	YR.	1ST. QTR.	2ND. QTR.	3RD. QTR.	4TH. QTR.	YR. AVG.
	77	.004	.005	.006	.005	.0056
	76	LD	LD	LD		
HARTFORD						
SITE 001	70	LD	LD	.006	LD	
	71	LD	LD	LD	.005	
	72	LD		LD	LD	
	73	LD				
	76	LD	LD	LD	LD	
NEW HAVEN						
SITE 001	70	LD	LD	LD	.007	
	71	.007	LD	LD	LD	
	72	LD				
	76	LD	LD	LD	LD	
WATERBURY						
SITE 001	70	.056	.037	.007	.007	.0251
	71	.006	LD	.005	.009	.0048
	72	.060	.005	.005	LD	.0174
	73	LD	LD	.008	LD	
	76	.007	.018	.008	.027	.0139
DELAWARE						
NEWARK						
SITE 001	70	LD	LD	LD	LD	
	71	.009	LD	LD	LD	
	72	LD	LD	LD		
	73	.005	LD	LD	LD	
	76	LD		LD		
WILMINGTON						
SITE 001	70	LD	LD	LD		
	71	.010			.005	
	72	LD	LD	LD	LD	
	73	LD			LD	
	76	LD			LD	
DISTRICT OF COLUMBIA						
WASHINGTON						
SITE 001	70	LD	LD		LD	
	71	LD	LD	LD	LD	
	72	LD	LD		LD	
	76	.056				
FLORIDA						
JACKSONVILLE						
SITE 002	70	LD	LD	LD	LD	
	71	.167	LD	LD	LD	
	72	LD	LD	LD	LD	
	73	LD	LD	LD	LD	
	76			.005	.015	
MIAMI						
SITE 002	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73	LD	LD	LD		
	76	LD	LD	LD	LD	
ST PETERSBURG						
SITE 002	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73	LD		LD		
	76			LD	LD	
TAMPA						
SITE 002	70	LD	LD	.006	LD	
	71	.005	LD	.009		
	72	LD	LD	.007	.005	
	73	LD	LD		LD	
	76		LD	LD	LD	
GEORGIA						
ATLANTA						
SITE 001	70	LD	LD	LD	LD	
	71	.061	.007	.007	.010	.0210
	72	LD	LD	LD	LD	
	73	LD	LD	LD	LD	
	76	LD	LD	LD	LD	

POLLUTANT : 12110 - CADMIUM
METHOD : HI-VOL EMISSION SPECTRA (LOW TEMP ASH)
UNITS : UG/CU METER (25 C)
DATA TYPE : QUARTERLY COMPOSITE
PROJ. CLASSIFICATION : URBAN
ANALYTICAL QUALITY : [illegible]

LOWER DISCRIMINATION LEVEL (LDL)
70 - .0002
71 - .0002
72 - .0002
73 - .0003
74 - .0004

LOCATION	YR.	1ST. QTR.	2ND. QTR.	3RD. QTR.	4TH. QTR.	YR. AVG.
GEORGIA						
COLUMBUS						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73	LD	LD	LD	LD	
	74					
SAVANNAH						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72		LD		LD	
	73	LD	LD	LD		
HAWAII						
HONOLULU						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72		LD	LD	LD	
	73	LD	LD	LD	LD	
	74	LD	LD	LD	LD	
IDAHO						
BOISE CITY						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73	LD	LD	LD	LD	
	74	LD	LD			
ILLINOIS						
CHICAGO						
SITE 001	70	LD	LD	LD	LD	
	71	.0005	.007	.005	.007	.0065
	72	.0005	LD	LD	.0005	
	73			LD		
	74				LD	
EAST ST LOUIS						
SITE 001	70	.010				
	71	.0005	.010	LD	LD	
	72	.0005	.007	.008	LD	.0057
	73	LD		.026		
	74			.005		
EAST ST LOUIS						
SITE 004	70			.025		
JOLIET						
SITE 001	70	.0005	LD	LD		
	71	LD	LD	LD		
	72	LD	LD	LD	LD	
	73	LD	LD	LD		
	74					
MOLINE						
SITE 001	70		LD	LD	LD	
	73	LD	LD	LD		
	74	LD	LD	LD	LD	
NORTH CHICAGO						
SITE 002	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73	LD	LD	LD		
	74	LD				
PEORIA						
SITE 001	70	.013	LD	.007	.007	.0067
	71	.013	LD	LD	LD	
	72	LD	LD	LD	LD	
	73	.005	LD	LD		
ROCKFORD						
SITE 001	70	LD	.013			
	71	LD		.005		
	72	.005	.005	.015		
	73		LD			
	74				LD	
ROCK ISLAND						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73	LD	LD	LD	LD	
	74		LD	LD	LD	
SPRINGFIELD						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73	LD	LD	LD		
	74	LD	LD	LD	LD	
INDIANA						
EAST CHICAGO						
SITE 001	70	.030	.025	.008	.012	.0187
	71	.012	.017	LD	LD	
	74	LD	.008	.010	.006	.0056
EVANSVILLE						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73	LD	LD	LD		
	74		LD	LD	LD	
FORT WAYNE						
SITE 001	70	LD	LD	LD	LD	
FORT WAYNE						
SITE 002	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73	LD	LD	LD		
GARY						
SITE 001	70	.009	LD	LD	LD	
	71	.011	LD		LD	
	72	LD	LD	LD	LD	
	73	LD	LD	LD		
	74	LD	LD	LD	LD	
HAMMOND						
SITE 004	70	.006	LD	LD	.005	
	71	LD	.005	LD	LD	
HAMMOND						
SITE 002	72	LD	LD	LD	LD	
	73	LD	LD	LD	LD	
	74	LD	LD	LD	.0004	LD
INDIANAPOLIS						
SITE 001	70	LD	.015	.006	.006	.0066
	71	.0004	.011	.006	.005	.0057
	72	.005	.017	.014		
	74		.012	.012		
MUNCIE						
SITE 001	70	.007	LD			
	71			LD	LD	
	72	LD				
NEW ALBANY						
SITE 002	70	LD	LD	LD	LD	
	71	LD				
	72		LD	LD	LD	
	73	LD	LD	LD		
	74		LD			
SOUTH BEND						
SITE 002	70	.005	LD	LD	LD	
	71	LD	LD	.007		
	72		LD	LD	LD	
	73	LD	LD	LD		
	74	LD	LD	LD	LD	
TERRE HAUTE						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD		
	72	LD	LD	LD	LD	
	73	LD	LD			
	74		LD	LD	LD	

POLLUTANT : 17110 - CARBON
METHOD : HI-VOL EMISSION SPECTRA FLOW TEMP ASHI
UNITS : UG/CU METER (25 C)
DATA TYPE : QUARTERLY COMPOSITE
PROJ. CLASSIFICATION : URBAN
ANALYTICAL QUALITY : 0(+-)65.0%

LOWER DISCRIMINATION LEVEL (LDL)
70 - .0002
71 - .0002
72 - .0002
73 - .0003
74 - .0004

LOCATION	YR.	1ST. QTR.	2ND. QTR.	3RD. QTR.	4TH. QTR.	YR. AVG.
IOWA						
CEDAR RAPIDS						
STTF 001	70	LD	LD	LD	LD	
	71	LD	LD	LD		
	72	LD	LD	LD	LD	
	73	LD	LD	LD	LD	
	74	LD	LD	LD	LD	
DAVENPORT						
STTF 001	70	.005	LD	LD	LD	
	71	LD		LD	LD	
	72	LD	LD	LD	LD	
	73	LD	LD	LD	LD	
	74	.007	.005	LD	LD	
DES MOINES						
STTF 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73	LD	LD	LD	LD	
	74	LD	LD	LD	.002	
DUBUQUE						
STTF 001	70	.010	LD			
DUBUQUE						
STTF 002	71		.006			
	72	LD	LD	LD	LD	
	73	LD	LD	LD	LD	
	74	LD	LD	LD	LD	
DUBUQUE						
STTF 004	74	LD	LD	LD	LD	
WATERLOO						
STTF 001	71		LD	LD	LD	
WATERLOO						
STTF 004	72	.007	LD			
	73		LD	LD	LD	
	74	LD	LD	LD	LD	
KANSAS						
KANSAS CITY						
STTF 002	70	LD	LD	.006	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73	LD	LD	LD	LD	
	74	LD	LD	LD	LD	
KANSAS CITY						
STTF 012	74		LD	LD	LD	
TOPEKA						
STTF 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73	LD	LD	LD	LD	
	74	LD	LD	LD	LD	
WICHITA						
STTF 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	.005	LD	
	73	LD	LD	LD	LD	
	74	LD	LD	LD	LD	
KENTUCKY						
ASHLAND						
STTF 002	70	.022	.009	.007	.005	.0109
	71	LD	.014	.016		
	72	LD	.022	.008	.007	.0097
	73	LD	.007		LD	
	74	LD	LD	.006	.015	
BOWLING GREEN						
STTF 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	

LOCATION	YR.	1ST. QTR.	2ND. QTR.	3RD. QTR.	4TH. QTR.	YR. AVG.
	73	LD	LD	LD	LD	
	74	LD	LD	LD	LD	
COVINGTON						
STTF 001	70	LD	.009	LD	.009	
	71	.005	.009	LD	.006	.0069
	72	.009	LD	LD	LD	
	73	LD	LD			
	74	LD	LD	LD	LD	
LEXINGTON						
STTF 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73	LD	LD			
	74				LD	
LOUISVILLE						
STTF 002	73	LD	LD			
	74			LD	LD	
LOUISVILLE						
STTF 003	70		LD	LD	LD	
	73	LD	LD	LD	LD	
LOUISIANA						
BATON ROUGE						
STTF 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73	LD	LD	LD		
	74	LD	LD	LD	LD	
NEW ORLEANS						
STTF 002	70	LD	LD	LD	LD	
	71	LD	.007	.006	.006	.0104
	72	LD	LD	LD	LD	
	73	LD	LD	LD		
	74	LD	LD		LD	
SHREVEPORT						
STTF 001	70	LD	LD	LD	LD	
	71	.007	.009	.006	.007	.0137
	72	LD	LD	LD	LD	
	73		LD	LD	LD	
	74	LD	LD	LD	LD	
MAINE						
PORTLAND						
STTF 002	70	LD	LD	LD	LD	
	71	.017	.006	LD	.011	.0098
	72	LD	LD			
	73		LD			
	74	LD	LD	LD		
MARYLAND						
BALTIMORE						
STTF 001	70	LD	LD	.006	LD	
	71	.006	LD		LD	
	72	LD	LD	LD	LD	
	73	LD	LD	LD	LD	
	74	.017	LD	.009	LD	
MASSACHUSETTS						
BOSTON						
STTF 001	70	LD		LD	.004	
	71		LD			
	72	LD	LD	LD		
	73				LD	
	74		LD	LD		
CAMBRIDGE						
STTF 001	70		LD		LD	
	71	.016	.014	.023	.011	.0178
	73		LD			
	73			LD	LD	
	74		LD	LD		

POLLUTANT : 17110 - CARBON
METHOD : HI-VOL EMISSION FACTOR (FLOW TEMP ASM)
UNITS : UG/CU METER (25 C)
DATA TYPE : QUARTERLY COMPOSITE
PROJ. CLASSIFICATION : URBAN
ANALYTICAL QUALITY : HIGH-RESOLN

LOWER DISCRIMINATION LEVEL (LD)
70 - .0002
71 - .0002
72 - .0002
73 - .0002
74 - .0004

LOCATION	YR.	1ST. QTR.	2ND. QTR.	3RD. QTR.	4TH. QTR.	YR. AVG.
MASSACHUSETTS						
FALL RIVER						
SITE 002	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72			LD	LD	
	74		LD	LD		
NEW BEDFORD						
SITE 001	70		LD			
	72		LD			
	73			LD	LD	
	74		LD	LD		
PORTUGUESE						
SITE 002	70	LD	LD	LD	LD	
	71	LD	LD			
	72		LD	LD	LD	
	73	LD	LD			
	74		LD	LD		
WORCHESTER						
SITE 001	70	LD	LD	LD	LD	
	71	.010	LD	LD	LD	
	72	LD	LD	LD	LD	
	73	LD	LD		LD	
	74		LD	LD		
MICHIGAN						
DEARBORN						
SITE 001	70	LD	.008	LD		
	71		LD	LD		
	73	LD	LD	LD		
	74	LD	LD	LD	LD	
DETROIT						
SITE 001	70	LD	.008	.006	.005	.0047
	71	LD	LD	LD	LD	
	74			LD	LD	
FLINT						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD		
	73	LD	LD	LD		
	74				LD	
GRAND RAPIDS						
SITE 001	70	.005	LD	LD	LD	
	71	.010	.006	.018	.012	.0118
	72	LD	LD	LD	LD	
	73	LD	.007	LD		
LANSING						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72		LD	LD	LD	
	73	LD	LD	LD		
	74	LD	LD	LD		
SAGINAW						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD		
	73	LD	LD	LD	LD	
	74	LD	LD	LD	LD	
WAYNE						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD		
	73	LD	LD	LD		
	74		LD			
MINNESOTA						
DULUTH						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73	LD	LD	LD	LD	
	74	LD	LD	LD	LD	
	71	LD	LD	LD		
	74	LD	LD	LD	LD	
MINNEAPOLIS						
SITE 001	70	LD	LD	LD	LD	
	71	LD	.008	LD	LD	
	72	LD	LD	LD	LD	
	73	LD	LD	LD		
	74	LD	LD	LD		
ROSEMEAD						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD		
	73	LD	LD	LD		
	74	LD	LD			
ST PAUL						
SITE 001	70	.010	.007	.008	LD	.0060
	71	LD	LD	LD		
	72	LD	.017	.008	.009	.0086
	73	LD	LD	LD		
	74	.007	LD	LD	LD	
MISSISSIPPI						
JACKSON						
SITE 002	70	LD	.008	LD		
	71	LD	LD			
	73	LD	LD	LD	LD	
	74	LD	LD	LD	LD	
MISSOURI						
KANSAS CITY						
SITE 002	70	LD	LD	LD	LD	
	71	LD	LD	LD		
	73	LD	LD	LD	LD	
	74	LD	LD	LD		
ST LOUIS						
SITE 001	70	.011	LD		.015	
	71	.013	.014	LD	.035	.0155
	73	LD	LD	.020	LD	
	73				.007	
	74	LD	.010	.006	LD	
MONTANA						
HELENA						
SITE 001	70	.026	LD	LD		
	71	.020	.009	.018	.017	.0150
	72		LD			
NEBRASKA						
LINCOLN						
SITE 002	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73	LD	LD	LD	LD	
	74	LD	LD	LD	LD	
OMAHA						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73	LD	LD	LD	LD	
	74	LD	LD	LD	LD	
NEVADA						
LAS VEGAS						
SITE 001	70	LD	LD	LD		
	71	LD	LD	LD		
	72	LD				
	74		LD		LD	
RENO						
SITE 001	70	LD	LD	LD		
	71	LD	LD	LD		
	72	LD	LD	LD	LD	
	73	LD	LD	LD	LD	
	74	LD	LD	LD	LD	

POLLUTANT : 17110 - CADMIUM
METHOD : HI-VOL EMISSION SPECTRA (LOW TEMP ASH)
UNITS : UG/CU METER (25 C)
DATA TYPE : QUARTERLY COMPOSITE
PROJ. CLASSIFICATION : URBAN
ANALYTICAL QUALITY : 81+-18%,84%

LOCATION	YR.	1ST. QTR.	2ND. QTR.	3RD. QTR.	4TH. QTR.	YR. AVG.
NEW HAMPSHIRE						
CONCORD						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73	LD			LD	
	74	LD	LD	LD		
NEW JERSEY						
BAYONNE						
SITE 001	70	.009	.015	LD		
	72		.007	.012	.008	
	74		.008	.008	LD	
BURLINGTON CO						
SITE 002	70	LD	.006	LD	LD	
	71	LD	LD	LD	.006	
CAMDEN						
SITE 001	70	.017	.008	LD	.006	.0067
	71	.009	.008			
	72		.008	.007		
	73			LD	LD	
	74	.009	.006			
CAMDEN CO						
SITE 002	73		LD	LD		
ELIZABETH						
SITE 002	70	.017	LD	LD	LD	
	71	.010	.013	.006	.016	.0162
	72	.011	.006	.010		
	73			.009	.009	
	74	.017	.017	LD	LD	
GLASSBORO						
SITE 001	70	LD	.012	.010	LD	
	71	LD	.006	LD		
	72	LD	LD	LD	LD	
	73			LD		
	74	LD	LD	LD	LD	
HAMILTON						
SITE 001	70		.006	.006	LD	
	71	.005	LD			
JERSEY CITY						
SITE 001	70	.010	.008	.007	.009	.0081
	71	.005	.009	LD	.009	.0056
	72	.015	.005	.018	.017	.0129
	73		LD	LD		
	74		.007		LD	
NEWARK						
SITE 001	70	.017	.019	.012	.008	.0125
	71	.008	.022	.012		
	72	.013	.026	.008	.017	.0159
	73			.009	LD	
	74	.009	.009	LD	.008	.0057
PATERSON						
SITE 001	70	.008	LD	LD	LD	
	71	LD	LD			
	73				LD	
	74	LD	LD		LD	
PERTH AMBOY						
SITE 001	70	.017	LD	LD	.007	
	71	.017	.009	.020	.009	.0128
	72	.011	.013	.010	.049	.0189
	74		LD	.007		
TRENTON						
SITE 001	70	LD	LD	LD	.008	
	71		LD	LD		
	72	LD	LD	LD	LD	
	73			LD	LD	
	74	LD	LD	LD	.005	

LOWER DISCRIMINATION LEVEL (LD)
70 - .0002
71 - .0002
72 - .0002
73 - .0003
74 - .0006

LOCATION	YR.	1ST. QTR.	2ND. QTR.	3RD. QTR.	4TH. QTR.	YR. AVG.
NEW MEXICO						
ALBUQUERQUE						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73	LD	LD	LD		
	74	LD	LD	LD	LD	
NEW YORK						
ALBANY						
SITE 001	70	LD	LD	LD		
	71	LD	LD	LD		
	72	LD	LD	LD	LD	
	73			LD	LD	
	74	LD	LD	.003	LD	
BUFFALO						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	.005	
	73			LD	LD	
	74	LD	.007	LD	LD	
NEW YORK CITY						
SITE 001	70	LD	.011	.010	.009	.0071
	71	LD	.007		.008	
	72	.006	.011	.007	LD	.0060
	73		.006	.006	LD	
	74	LD	.008	LD	.005	
NIAGARA FALLS						
SITE 001	70	LD	LD	.007	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73			LD	LD	
	74	LD	LD	LD	LD	
ROCHESTER						
SITE 001	70	.011	LD	LD	LD	
	71	LD	.010	.005	LD	
	72	LD	LD	LD	LD	
	73		LD	LD	LD	
	74	LD	LD	LD	LD	
SYRACUSE						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73		LD	LD	LD	
	74	LD	LD	LD	LD	
UTICA						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73				LD	
	74			LD	LD	
YONKERS						
SITE 001	70	LD	.008	LD	LD	
	71	.005		.006	.007	
	72	LD	LD	.010		
	74			LD	LD	
NORTH CAROLINA						
CHARLOTTE						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD			
	72	LD	LD	LD	LD	
	73	LD	LD	LD	LD	
	74	LD	LD	LD	LD	
DURHAM						
SITE 001	70	LD	LD	LD	LD	
	71		LD	LD	LD	
	72	LD	LD	LD	LD	
	73	LD	LD	LD	LD	
	74	LD	LD	LD	LD	

POLLUTANT : 17110 - CADMIUM
METHOD : HI-VOL EMISSION SPECTRA (LOW TEMP ASH)
UNITS : UG/CU METER (25 C)
DATA TYPE : QUARTERLY COMPOSITE
PROJ. CLASSIFICATION : URBAN
ANALYTICAL QUALITY : 91+-10%,99?

LOWER DISCRIMINATION LEVEL (LD)
70 - .0002
71 - .0002
72 - .0002
73 - .0003
74 - .0004

LOCATION	YR.	1ST. QTR.	2ND. QTR.	3RD. QTR.	4TH. QTR.	YR. AVG.
NORTH CAROLINA						
GREENSBORO						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD			
	72	LD	LD	LD	LD	
	73	LD	LD	LD	LD	
	74	LD	LD	LD	LD	
WINSTON-SALEM						
SITE 002	70	LD	LD	LD	LD	
	71	LD	.011	.011	.007	.0076
	72	LD	LD	.009		
	73		LD	LD	LD	
	74	LD	LD	LD	LD	
NORTH DAKOTA						
BISMARCK						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73	LD	LD	LD	LD	
OHIO						
AKRON						
SITE 001	70	LD	LD	LD	LD	
	71	.006	LD	LD	LD	
	72	LD	LD	LD		
	73	LD	LD	LD		
	74		LD	LD		
CANTON						
SITE 001	70	.007	LD	LD	LD	
	71	LD	LD	LD	.007	
	72		LD	LD	LD	
	73	LD	LD	.010		
	74		.010	LD	LD	
CINCINNATI						
SITE 001	70	LD	.013	.006	.015	.0086
	71	.010	.007	LD	LD	
	72	LD	LD	LD	LD	
	74		LD		LD	
CLEVELAND						
SITE 001	70	.007	.012	.010	.006	.0088
	71	LD	LD			
	73	.011	.015		.007	
	74				.008	
COLUMBUS						
SITE 001	70	.009	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	.006	LD	.013	
	73	LD				
	74				LD	
DAYTON						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	.006	
	72	LD	LD	LD	.007	
	73	LD	LD	.008		
	74	LD			LD	
IRONTON						
SITE 002	71	.015	LD	LD	LD	
	72	LD	LD	LD	LD	
	73	LD	LD	LD		
	74		LD			
PORTSMOUTH						
SITE 002	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73	LD	LD	LD		
	74		LD			
STEUBENVILLE						
SITE 001	71	LD	LD	LD	LD	
	72	LD				
	73	.006	LD	.008		
	74			LD		
TOLEDO						
SITE 001	70	LD	LD	LD		
	71	LD	LD	LD	LD	
	72	LD	.005	LD	LD	
	74		LD	LD	LD	
YOUNGSTOWN						
SITE 001	70	.005	LD	.009	.009	.0056
	71	LD	LD	LD	.008	
	72	.010	LD	LD	LD	
	73			.028		
	74	LD	LD		LD	
OKLAHOMA						
OKLAHOMA CITY						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD			
OKLAHOMA CITY						
SITE 015	72	LD	LD	LD	LD	
	73	LD	LD			
	74	LD	LD	LD	LD	
OKLAHOMA CITY						
SITE 029	73	LD	LD	LD		
	74	LD	LD	LD	LD	
TULSA						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	.005	
	72	LD	LD	LD		
	73	LD	LD	.013	LD	.007
	74	LD	LD	LD	LD	
OREGON						
EUGENE						
SITE 001	70	LD	LD	LD		
MEDFORD						
SITE 001	70	LD	LD	LD		
	71	LD	LD			
PORTLAND						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	.005	
	73			LD		
	74	LD	LD			
PENNSYLVANIA						
ALLENTOWN						
SITE 001	70	.012	.005	.007	.009	.0081
	71	LD	.008	.007	LD	
	72	LD	.009	.034	.008	.0174
	73	.005	LD	LD	.010	
	74	.018	.008	.018	.010	.0134
ALTOONA						
SITE 001	70	.006	.008	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73	LD	LD	LD	LD	
	74		LD	LD	LD	
BETHLEHEM						
SITE 002	70	.007	LD	.047	.005	.0140
	71	.007	.011	.040	.019	.0191
	72	LD	.012	.023	LD	
	73	.007	.009	.005	.007	.0068
	74	.016	.009	.018		
CLEARFIELD CO						
SITE 001	73	LD	LD	LD		
ERIE						
SITE 002	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	.015	LD	LD	
	73	LD	LD	LD	LD	
	74		LD	LD	LD	

POLLUTANT : 12110 - CADMIUM
METHOD : HI-VOL EMISSION SPECTRA (LOW TEMP ASH)
UNITS : UG/CU METER (25 C)
DATA TYPE : QUARTERLY COMPOSITE
PROJ. CLASSIFICATION : URBAN
ANALYTICAL QUALITY : 014-16F.649

LOWER DISCRIMINATION LEVEL (LD)
70 - .0002
71 - .0002
72 - .0002
73 - .0003
74 - .0004

LOCATION	YR.	1ST. QTR.	2ND. QTR.	3RD. QTR.	4TH. QTR.	YR. AVG.
PENNSYLVANIA						
HARRISBURG						
SITE 001	70	LD	LD	.009	.010	
	71	.009	LD	LD	.005	
	72	LD	LD	LD	LD	
	73	LD	LD		LD	
	74		LD			
HAZLETON						
SITE 001	70	.006	LD	LD	.010	
	71	.008	LD	.006	LD	
	72	.012	LD	LD	LD	
	73	LD	.006	.009	.012	.0065
	74	.007	LD	LD	LD	
JOHNSTOWN						
SITE 001	70	LD	.007	.005	LD	
	71	LD	LD			
LANCASTER CITY						
SITE 001	70	.008	LD			
	71			LD	LD	
LANCASTER CITY						
SITE 002	70			LD		
	72		LD	LD	.006	
	74	LD	LD	LD		
PHILADELPHIA						
SITE 001	70	.007	.008	.027	.007	.0120
	71	.013	LD	.006	.012	.0078
PHILADELPHIA						
SITE 004	72	.008	.006	.009	LD	.0057
	73	.005				
	74	.007	.006	LD	LD	
PITTSBURGH						
SITE 001	70	LD	.016	LD	.006	
	71	LD	.008		.007	
	74	LD	.008	LD	.010	
READING						
SITE 001	70	.006	LD	.008	LD	
	71	LD	LD	LD		
	72	.010	LD	LD	.007	
	73	LD	LD	LD		
SCRANTON						
SITE 001	70	LD	LD	LD	LD	
	71	LD	.010	.006	.011	.0067
	72	LD	LD	LD	LD	
	73	.007	LD	LD	LD	
	74	LD	LD	LD	LD	
WARMINSTER						
SITE 001	70	LD	.005	LD	LD	
	71	LD	LD			
	74		LD	LD		
WEST CHESTER						
SITE 001	70	.006	LD	LD		
	71	.006				
	73	LD	LD	LD		
WILKES-BARRE						
SITE 001	70	LD	LD	.007	LD	
	71	LD	LD	LD	.007	
	72	LD	LD	LD	LD	
	73	LD	LD	LD	LD	
	74	LD	LD	LD	LD	
YORK						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73	LD	LD	LD	LD	
	74	.008				
PUERTO RICO						
BAYAMON						
SITE 002	70	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73			LD		
	74	LD	LD	LD		
CATANO						
SITE 002	70	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73		LD	LD	LD	
	74		LD	LD		
GUAYANILLA						
SITE 002	70	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73		LD	LD	LD	
	74	LD	LD			
PONCE						
SITE 002	70	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73		LD	LD	LD	
	74	LD	LD		LD	
SAN JUAN						
SITE 001	70	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73		LD	LD	LD	
	74	LD	LD	LD		
RHODE ISLAND						
EAST PROVIDENCE						
SITE 004	70	LD	LD	LD	LD	
	71	LD	LD	LD	.010	
	72	LD	LD	LD	LD	
	73	LD	LD	LD	LD	
	74			LD		
PROVIDENCE						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73	LD	LD		LD	
	74	LD		LD	LD	
SOUTH CAROLINA						
COLUMBIA						
SITE 001	70	.006	LD	LD		
	71	LD				
	72	LD	LD	LD	LD	
	73	LD	LD	LD	LD	
	74		LD	LD	LD	
GREENVILLE						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73	LD	LD	LD	LD	
	74	LD	LD	LD	LD	
SOUTH DAKOTA						
SIOUX FALLS						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD		
	73	LD	LD	LD		
TENNESSEE						
CHATTANOOGA						
SITE 001	70	.006	LD	LD	.006	
	71	LD	.008	LD		
	72	LD	.010	LD	LD	
	73	LD	LD			
	74			LD		
KNOXVILLE						
SITE 001	70	LD	LD	LD		

POLLUTANT : 12110 - CADMIUM
METHOD : HI-VOL EMISSION SPECTRA (LOW TEMP ASH)
UNITS : UG/CU METER (25 C)
DATA TYPE : QUARTERLY COMPOSITE
PROJ. CLASSIFICATION : URBAN
ANALYTICAL QUALITY : 91+-105.6%

LOWER DISCRIMINATION LEVEL (LD)
70 - .0002
71 - .0002
72 - .0002
73 - .0003
74 - .0004

LOCATION	YR.	1ST. QTR.	2ND. QTR.	3RD. QTR.	4TH. QTR.	YR. AVG.
TENNESSEE						
KNOXVILLE						
SITE 002	71	LD	LD	LD	LD	
	72	LD	.017	LD	LD	
	74		LD	LD	LD	
MEMPHIS						
SITE 001	70	LD	LD	LD	LD	
	71	.005	LD	LD	LD	
	72	LD	LD	LD	LD	
	73	LD	LD	LD	LD	
	74	LD	LD	LD	LD	
NASHVILLE						
SITE 001	70	LD	LD	LD	LD	
	71	.005	LD			
	72	LD	LD		LD	
	73	LD	LD	LD	LD	
	74	LD	LD	LD		
TEXAS						
AMARILLO						
SITE 002	71	.065				
	74		.010			
AUSTIN						
SITE 002	70			LD	LD	
	71	LD	LD	LD	LD	
	74	LD	LD			
BEAUMONT						
SITE 001	70			LD	LD	
	71	LD	LD			
	74		LD			
CORPUS CHRISTI						
SITE 001	70			LD	LD	
	71	LD		LD		
	74		LD	LD		
DALLAS						
SITE 002	70	.029	LD	LD	LD	
	71	LD	LD	LD	.005	
	72	LD	LD	LD	LD	
	73	LD	LD		LD	
	74	LD	LD	LD	LD	
EL PASO						
SITE 002	70	.099	.082	LD	.065	.0618
	71	.109	.047	LD		
	72	.117	.016	.010	.038	.0442
	73	.077	.017	.019	.020	.0206
	74	.022	.020	.007	.048	.0242
FORT WORTH						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73	LD	LD	LD	LD	
	74	LD	LD	LD	LD	
HOUSTON						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73	LD	LD	LD	LD	
	74	LD	LD	LD	LD	
LUBBOCK						
SITE 001	70			LD	LD	
	71	LD	LD	LD		
	74		LD			
PASADENA						
SITE 002	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73	LD	LD	LD	LD	
	74	LD	LD			

LOCATION	YR.	1ST. QTR.	2ND. QTR.	3RD. QTR.	4TH. QTR.	YR. AVG.
SAN ANTONIO						
SITE 001	70	LD	LD	LD	.008	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73	LD		LD	LD	
	74	LD	LD	LD	LD	
WICHITA FALLS						
SITE 001	70			LD		
	71	LD	LD	LD		
WICHITA FALLS						
SITE 002	74	LD		LD		
UTAH						
OGDEN						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73	LD	LD	LD	LD	
SALT LAKE CITY						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD		LD	
	72	LD	LD	LD	LD	
VERMONT						
BURLINGTON						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD		
	72	LD				
	74	LD	LD	LD	LD	
VIRGINIA						
DANVILLE						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD		
	72	LD	LD	LD	LD	
	73	LD				
	74	LD	LD			
FAIRFAX CO						
SITE 001	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73	LD	LD	LD		
HAMPTON						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	.059	
	72	LD	LD	LD	LD	
	73	LD	LD	LD	LD	
	74	LD	LD	LD	LD	
LYNCHBURG						
SITE 001	70	.010	.014	.014	.016	.0135
	71	.006	.008	LD	LD	
	72	LD	LD	LD	LD	
	73	LD	LD			
	74			LD	LD	
NEWPORT NEWS						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD		
	73	LD	LD	LD		
	74		LD			
NORFOLK						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	.052	
	73	LD	LD	LD	LD	
	74	LD	LD	LD	LD	
PORTSMOUTH						
SITE 001	70	LD	LD	LD	LD	
	71	.006	LD		LD	
	72	.009	.007	LD	LD	
	73	LD	LD	LD	LD	
	74		LD		LD	

POLLUTANT : 12110 - CADMIUM
METHOD : HI-VOL EMISSION SPECTRA (LOW TEMP ASH)
UNITS : UG/CU METER (25 C)
DATA TYPE : QUARTERLY COMPOSITE
PROJ. CLASSIFICATION : URBAN
ANALYTICAL QUALITY : 9(+-)45.44%

LOWER DISCRIMINATION LEVEL (LD)
70 - .0002
71 - .0002
72 - .0002
73 - .0003
74 - .0004

LOCATION	YR.	1ST. QTR.	2ND. QTR.	3RD. QTR.	4TH. QTR.	YR. AVG.
VIRGINIA						
RICHMOND						
SITE 002	70	LD	LD	LD	LD	
	71				LD	
	72	LD	LD			
	74	LD	LD	LD	LD	
ROANOKE						
SITE 001	70	.008	LD	.008	LD	
	71	LD	LD	.004	.005	
	72	LD	.007	LD		
	73	LD		LD	LD	
	74	LD	LD	LD		
WASHINGTON						
SEATTLE						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD		
	73	LD	LD	LD	.007	
	74	LD	LD			
SPOKANE						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	.007	
	73	LD	LD	LD		
	74	LD	LD			
TACOMA						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73	LD	LD	LD	LD	
	74	LD				
WEST VIRGINIA						
CHARLESTON						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	74	LD	LD	LD	LD	
HUNTINGTON						
SITE 001	71		.022	.013	.047	
HUNTINGTON						
SITE 005	72	.005		LD	.005	
	73	LD		.008	.012	
	74	.007				
SOUTH CHARLESTON						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD			LD	
	73	LD	LD	LD		
	74	LD	LD	LD	LD	
WISCONSIN						
EAU CLAIRE						
SITE 002	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73	LD	LD	LD		
	74	LD				
KENOSHA						
SITE 001	70	LD	.017	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	.038	.012	.007	.0143
	73	LD	LD	LD		
	74				LD	
MADISON						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73	LD	LD	LD		
	74	LD	LD	LD	LD	
MILWAUKEE						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73	LD	LD	LD		
	74			LD	LD	
RACINE						
SITE 001	70	LD	LD	LD	LD	
	71		.012	.010	.009	
	72	LD	.009	.012	.007	.0071
	73	.009	.009	LD		
	74	.010	LD	LD	LD	
SUPERIOR						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD			
	72	LD	LD			
	73		LD		LD	
	74		.027			
WYOMING						
CASPER						
SITE 001	70	LD	LD	LD	LD	
	72		LD	LD	LD	
	73	LD	LD	LD	LD	
CHEYENNE						
SITE 001	70	LD	LD	LD	LD	
	72		LD	LD	LD	
	73	LD				

POLLUTANT : 17110 - CADMIUM
METHOD : HI-VOL EMISSION SPECTRA (LOW TEMP ASH)
UNITS : UG/CU METER (25 C)
DATA TYPE : QUARTERLY COMPOSITE
PROJ. CLASSIFICATION : NON-URBAN
ANALYTICAL QUALITY : 91+-105.003

LOWER DISCRIMINATION LEVEL (LDL)
70 - .0002
71 - .0002
72 - .0002
73 - .0003
74 - .0004

LOCATION	YR.	1ST. QTR.	2ND. QTR.	3RD. QTR.	4TH. QTR.	YR. AVG.
ARIZONA						
GRAND CANYON NAT						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD		
	73				LD	
	77	LD	LD	LD	LD	
	74	LD	LD	LD	LD	
MARICOPA CO						
SITE 005	77	LD		LD	LD	
	74	LD	LD			
ARKANSAS						
MONTGOMERY CO						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD		
	73	LD		LD	LD	
	77	LD	LD	LD		
	74	LD	LD	LD	LD	
CALIFORNIA						
HUMBOLDT CO						
SITE 001	70	LD	LD	LD	LD	
	71	LD				
COLORADO						
MESA VERDE NAT PA						
SITE 002	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72		LD	LD	LD	
	77	LD	LD	LD	LD	
DELAWARE						
KENT CO						
SITE 001	70	LD	LD	LD		
	71	LD			LD	
	72			LD	LD	
	77			LD		
FLORIDA						
HARDEE CO						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	73		LD	LD	LD	
	77				LD	
	74	LD	LD			
HAWAII						
HAWAII CO						
SITE 001	77	LD	LD	LD	LD	
	77			LD	LD	
	74	LD	LD		LD	
HAWAII CO						
SITE 002	70	LD	LD	LD	LD	
	77	LD	LD		LD	
	74	LD			LD	
HAWAII VOLCANOES						
SITE 001	70	LD	LD	LD	LD	
	77	LD	LD		LD	
	74		LD	LD		
IDAHO						
OWYHEE CO						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	73	LD	LD	LD	LD	
	77	LD	LD	LD	LD	
	74	LD	LD			
INDIANA						
MONROE CO						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	77	LD	LD			
	74		LD	LD		

LOCATION	YR.	1ST. QTR.	2ND. QTR.	3RD. QTR.	4TH. QTR.	YR. AVG.
PARKE CO						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD		
	74		LD			
LOUISIANA						
TERREVILLE PAR						
SITE 001	74	LD	LD	LD	LD	
MAINE						
ACADIA NAT PARK						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	77		LD	LD	LD	
	74	LD	LD	LD		
MARYLAND						
CALVERT CO						
SITE 001	70	LD				
	72		LD	LD		
	77				LD	
	74			LD		
MISSISSIPPI						
JACKSON CO						
SITE 001	70	LD	LD	LD		
	71		LD	LD	LD	
	72	LD	LD	LD	LD	
	77	LD	LD			
	74	LD	LD	LD	LD	
MISSOURI						
SHANNON CO						
SITE 002	70	LD	LD	LD	LD	
	71	LD	LD	LD		
	72		LD	LD	LD	
	77	LD	LD	LD	LD	
	74	LD	LD		LD	
MONTANA						
GLACIER NAT PARK						
SITE 001	70	LD	LD	LD		
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
NEBRASKA						
THOMAS CO						
SITE 001	70	LD	LD	LD	LD	
	71	LD			LD	
	72	LD		LD	LD	
	77	LD	LD	LD	LD	
	74	LD	LD			
NEVADA						
WHITE PINE CO						
SITE 001	70	LD	LD	LD	LD	
	71	LD			LD	
	72	LD	LD	LD	LD	
	77	LD	LD	LD	LD	
	74	LD	LD	LD	LD	
NEW HAMPSHIRE						
BELKNAP CO						
SITE 001	72	LD	LD	LD		
	77	LD		LD		
COOS CO						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD		
	72			LD	LD	
	77	LD	LD		LD	
	74	LD	LD	LD		
NEW MEXICO						
BIO APRTRA CO						
SITE 001	70	LD	LD			
	71			LD		
	72	LD	LD	LD	LD	

POLLUTANT : 17110 - CADMIUM
METHOD : HI-VOL EMISSION FACTOR (FLOW TIME ASM)
UNITS : UG/CU METER (25 C)
DATA TYPE : QUARTERLY COMPOSITE
PROJ. CLASSIFICATION : NON-URBAN
ANALYTICAL QUALITY : 95+-36*.89

LOWER DISCRIMINATION LEVEL (LD)
70 - .0002
71 - .0002
72 - .0002
73 - .0003
74 - .0004

LOCATION	YR.	1ST. QTR.	2ND. QTR.	3RD. QTR.	4TH. QTR.	YR. AVG.
*NEW YORK						
JEFFERSON CO						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD		
	73			LD		
	74	LD	LD	LD		
*NORTH CAROLINA						
CAPE HATTERAS NATI						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD		
	72	LD	LD			
*OKLAHOMA						
CHEROKEE CO						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD		LD	
	72	LD	LD	LD	LD	
	73	LD	LD	LD	LD	
	74	LD	LD	LD		
*OREGON						
CURRY CO						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD			
	72	LD	LD	LD	LD	
	73	LD	LD	LD		
	74	LD				
*PENNSYLVANIA						
CLARION CO						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	74	LD	LD	LD		
INDIANA CO						
SITE 001	72	LD	LD			
INDIANA CO						
SITE 002	73				LD	
	74	LD			LD	
INDIANA CO						
SITE 003	72	LD	LD	LD	LD	
*RHODE ISLAND						
WASHINGTON CO						
SITE 002	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD		
	73			LD	LD	
	74	LD				
*SOUTH CAROLINA						
RICHLAND CO						
SITE 002	70	LD				
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73	LD	LD	LD	LD	
	74	LD	LD	LD		
*SOUTH DAKOTA						
BLACK HILLS NAT F						
SITE 001	70	LD	LD	LD		
	71	LD	LD	LD	LD	

LOCATION	YR.	1ST. QTR.	2ND. QTR.	3RD. QTR.	4TH. QTR.	YR. AVG.
	72	LD	LD	LD	LD	
	73	LD	LD	LD	LD	
*TENNESSEE						
CUMBERLAND CO						
SITE 001	70	LD	LD	LD	LD	
	71	LD				
*TEXAS						
MATAGORDA CO						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD		
	72	LD	LD	LD	LD	
	73	LD	LD	LD	LD	
	74	LD	LD	LD	LD	
TOM GREEN CO						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD		LD	
	72	LD	LD	LD	LD	
	73	LD	LD	LD	LD	
	74	LD	LD	LD		
*VERMONT						
ORANGE CO						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD		
	72	LD	LD	LD	LD	
	73		LD	LD	LD	
	74	LD	LD		LD	
*VIRGINIA						
SHENANDOAH NAT PA						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD		
	72	LD	LD	LD	LD	
	74		LD	LD		
WYTHE CO						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD		
	72	LD	LD	LD	LD	
	73	LD	LD	LD	LD	
	74	LD			LD	
*WASHINGTON						
KING CO						
SITE 002	70	LD	LD	LD	LD	
	71	LD	LD			
	72	LD	LD	LD	LD	
	73	LD	LD	LD	LD	
	74	LD	LD			
*WISCONSIN						
DOOR CO						
SITE 001	70	LD	LD	LD		
	72	LD	LD	LD	LD	
	73	LD		LD		
*WYOMING						
GRAND TETON NAT P						
SITE 001	72		LD	LD	LD	
	73	LD	LD	LD	LD	
YELLOWSTONE NAT P						
SITE 001	70	LD	LD	LD		
	72		LD	LD	LD	
	73	LD	LD	LD	LD	

POLLUTANT : 12112 - CHROMIUM
METHOD : HI-VOL EMISSION SPECTRA (LOW TEMP ASH)
UNITS : UG/CU METER (25 C)
DATA TYPE : QUARTERLY COMPOSITE
PROJ. CLASSIFICATION : URBAN
ANALYTICAL QUALITY : 2114-102.862

LOWER DISCRIMINATION LEVEL (LD)
70 - .0007
71 - .0007
72 - .0006
73 - .0008
74 - .0008

LOCATION	YR.	1ST. QTR.	2ND. QTR.	3RD. QTR.	4TH. QTR.	YR. AVG.
ALABAMA						
BIRMINGHAM						
SITE 003	70	.011		.017	.017	
	71	.009	.019		.020	
	72	.008	.010	.011	.012	.0100
	73	.019	.023	.012	.038	.0226
	74	.011	.010	.013	.007	.0093
GADSDEN						
SITE 001	70	LD	LD	LD	.009	
	71	LD	LD	LD	LD	
	72	.005	.003	.006	LD	.0028
	73	.011	.020	.006	.009	.0115
	74	LD	.007	.006	.008	.0027
HUNTSVILLE						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	.003	.004	.003	.006	.0033
	73	.017	.007	.004		
	74		LD	.006		
MOBILE						
SITE 001	70	LD		LD	LD	
	71	.008	.007			
	72	.006	.002	.005	.005	.0048
	73	.035	.009		.010	
	74		.005	.006	.009	
MONTGOMERY						
SITE 001	70	LD	.010	LD	LD	
	71	LD	LD	LD	LD	
	72	.001	.004	.004	.003	.0032
	73	.007	LD		.006	
	74	.008	.002	LD	.002	.0022
ALASKA						
ANCHORAGE						
SITE 003	70	LD	LD	LD	.015	
	71	LD	LD	LD	LD	
	72	LD	.006	.005	.006	.0044
	73	LD	.006	.007	.018	.0077
	74	.002		.003		
FAIRBANKS						
SITE 001	70	.007	LD	.009		
	71				LD	
	72	LD	.012	.007	.009	.0059
	73			LD	LD	
	74			LD		
ARIZONA						
DOUGLAS						
SITE 001	71	LD	.008			
	72	.006	.002	.002	LD	.0022
	73			LD	.007	
	74	.008	.007	.002		
MARICOPA CO						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD		LD	
PHOENIX						
SITE 002	70	LD		.006	.009	
	71	.005	LD	LD	.007	
	72	.005	.003	.006	.009	.0060
	73	.005	LD	.008	.011	.0063
	74	.007	.006	.002	.005	.0049
TUCSON						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	.008	.008	LD	LD	
	73	LD	LD	LD	LD	
	74	.007	LD	LD	.002	
ARKANSAS						
LITTLE ROCK						
SITE 001	70	LD	LD	LD	.007	
	71	LD		LD	LD	
	72			.009	.004	
	73		LD	LD		
	74					
TEXARKANA						
SITE 001	70	.006		LD	.017	
	71	.005	LD			
	72			.009		
	73		LD			
	74				.005	
WEST MEMPHIS						
SITE 004	70	LD	.016	LD	.007	
	71	LD	.007	LD	LD	
	72	.002	.003	LD		
	73		LD	LD	LD	
	74	.008	LD	.007	.007	.0055
CALIFORNIA						
ANAHEIM						
SITE 001	70	LD	LD	.007	.007	
	71	LD	LD	LD	LD	
	72	.006	.007	.008	.007	.0059
	73	LD	LD	.024		
	74	.007	.005	.009	.008	.0059
BERKELEY						
SITE 001	70	LD	LD	LD		
	71			LD	LD	
	72	.005	.003	.005	.011	.0060
	73	.087	.016	LD	.017	.0388
	74	.005	.002	.008	.005	.0038
BURBANK						
SITE 002	70	.009	.016	.018	.017	.0151
	71	.016	.014	.024	.015	.0169
	72	.029	.010	LD	.002	.0111
	73	.009	.015	.026	.011	.0150
	74	.011	.008	.002	LD	.0059
FRESNO						
SITE 002	70	LD	LD	.007	.006	
	71	LD	.005			
	72	LD	.009	LD	.005	
	73	.010	.008	.005	.011	.0089
	74	.010	.009	LD	.009	.0059
GLENDALE						
SITE 001	70	.006	.006	.009	.007	.0069
	71	LD	.005	.007	.006	.0044
	72	.009	.006	.005	.008	.0077
	73	.019	.005	.009	.005	.0094
	74	.005	.005			
LONG BEACH						
SITE 001	70	.008	LD	.008	.009	.0063
	71	.009	.006	.009	.009	.0082
	72	.008	.006	.005	.006	.0057
	73	.007	.010			
	74	.015	.009	.009	LD	.0087
LOS ANGELES						
SITE 001	70	.015	.009	.014	.017	.0134
	71	.016	.013	.017	.020	.0167
	72	.010	.008	.009	.013	.0097
	73	.015	.009	.011		
	74	.007	.008	.016	.015	.0117
OAKLAND						
SITE 001	70	.008	.011	.008	.009	.0091
	71	.020	.006	.008	.016	.0120
	72	.003	LD	.004	.003	.0028
	73	.006	.007	.005		
	74	.005	.009	.009	.011	.0081
ONTARIO						
SITE 001	70	LD	.008	.010	LD	
	71	.006	.006	.011	.012	.0087
	72	.009	.010	.002	.007	.0059
	73	LD	LD			
	74	.007	.012			

POLLUTANT : 12117 - CHROMIUM
METHOD : HI-VOL EMISSION SPECTRA (LOW TEMP ASH)
UNITS : UG/CU METER (25 C)
DATA TYPE : QUARTERLY COMPOSITE
PROJ. CLASSIFICATION : URBAN
ANALYTICAL QUALITY : 2114-242.863

LOWER DISCRIMINATION LEVEL (LD)
70 - .0007
71 - .0007
72 - .0006
73 - .0008
74 - .0008

LOCATION	YR.	1ST. QTR.	2ND. QTR.	3RD. QTR.	4TH. QTR.	YR. AVG.
CALIFORNIA						
PASADENA						
SITE 001	71	.010	.008	LD	.006	.0060
PASADENA						
SITE 002	70	.007	.007	.010	LD	.0062
	72		.007	.003	LD	
	73	.004	.010	LD		
	74	.002	.004	.008	.007	.0064
RIVERSIDE						
SITE 001	70	.006	.006	LD	LD	
	71	.012			.007	
	73	.007	LD	.003		
SACRAMENTO						
SITE 001	70	LD	LD	.005	.005	
	71	LD	LD	LD	LD	
	73	.002	.003	LD	LD	
	73	.004	.005	.007	.006	.0067
	74	.009	LD	.015	.004	.0069
SAN BERNARDINO						
SITE 001	70	.012	.024	.025	.008	.0172
	71	LD	.007	.023	.009	.0098
	73	.013	.011	.016	.007	.0127
	73	.019	.018	.029		
	74	.011	.007	.018	.008	.0109
SAN DIEGO						
SITE 001	70	.005	.006	.008	.006	.0061
	71	.004	.007	.009		
	72	.004	.004	.005	.004	.0061
	73	.004	.006	.005	.007	.0066
	74	.011	.005	LD	LD	
SAN FRANCISCO						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	.001	.002	.001	.004	.0026
	73	.002	LD	.004	.001	.0023
	74	.004	LD	.006	LD	
SAN JOSE						
SITE 002	70	.007	.007			
SAN JOSE						
SITE 003	70			.009	.009	
	71	.010	.015	.008		
SAN JOSE						
SITE 004	72	.006	.006	.007		
	73		.004	.007	.005	
	74	.005	.004	.008	.006	.0057
SANTA ANA						
SITE 001	70	LD	LD	.008	LD	
	71	.012	LD	.010	LD	
	72	.010	.001	.004	.002	.0047
	73	.005	.004	.007	LD	.0049
	74	.002	LD	.003	.005	.0026
TORRANCE						
SITE 001	70	LD	.007	.005	.009	.0055
	71	.017	LD	LD		
	72	.007	.004		.006	
	73	.005	.008	.004	.013	.0074
	74	.013	.007	.008	.005	.0084
COLORADO						
DENVER						
SITE 001	70	.008	.005	LD	.009	.0054
	71	.010	LD	LD	.011	
	72	.004	.005		.009	
	73	.017				
CONNECTICUT						
BRIDGEPORT						
SITE 001	70	.010	LD	LD	.006	
	71	.008	.004	.006	.009	.0081
	72	.007	.007	.008	.003	.0051

LOCATION	YR.	1ST. QTR.	2ND. QTR.	3RD. QTR.	4TH. QTR.	YR. AVG.
	73	.009	.009	.004	.004	.0061
	74	.006	.005	.006		
HARTFORD						
SITE 001	70	.005	.012	.014	LD	.0078
	71	.008	.009	.008	.011	.0090
	72	.004		.006	.009	
	73	.006				
	74	.007	.013	.003	.004	.0066
NEW HAVEN						
SITE 001	70	.011	LD	.007	.007	.0064
	71	.011	LD	.007	.007	.0063
	72	.003				
	74	.007	.007	.004	.004	.0054
WATERBURY						
SITE 001	70	.013	.007	LD	.006	.0067
	71	.007	LD	.008	.006	.0053
	72	.006	.007	.014	.005	.0081
	73	.010	.012	.003	.005	.0072
	74	.017	.007	.009	.022	.0135
DELAWARE						
NEWARK						
SITE 001	70	LD	.007	.006	LD	
	71	.009	.006	.005	.005	.0054
	72	.003	.003	LD		
	73	.007	.004	LD	.004	.0036
	74	.005		.001		
WILMINGTON						
SITE 003	70	.006	.010	.008		
	71	.017			.010	
	72	.006	.007	.012	.006	.0080
	73	.008			.007	
	74	.005			.005	
DISTRICT OF COLUMBIA						
WASHINGTON						
SITE 001	70	.008	LD		.005	
	71	LD	.006	.010	.010	.0067
	72	.008	.007		.008	
	74	.004				
FLORIDA						
JACKSONVILLE						
SITE 002	70	LD	.009	LD	.005	
	71	LD	.007	LD	LD	
	72	LD	LD	.003	LD	
	73	LD	.006	LD	.007	
	74			.002	.002	
MIAMI						
SITE 002	70	LD	.006	LD	LD	
	71	LD	.006	LD	LD	
	72	LD	.003	.002	LD	
	73	LD	.007	.013		
	74	.004	.005	.006	.003	.0048
ST PETERSBURG						
SITE 002	70	LD	.022	.017	.008	.0119
	71	.011	.013	.017	.014	.0130
	72	.014	.005	LD	LD	
	73	.005		LD		
	74			.005	.002	
TAMPA						
SITE 002	70	.019	.010	.029	.007	.0148
	71	.021	.007	.012		
	72	.011	.006	.008	.010	.0089
	73	.019			.006	
	74		.006	.003	.004	
GEORGIA						
ATLANTA						
SITE 001	70	.007	.007	.017	.007	.0081
	71	LD	.011	.011	LD	
	72	LD	.010	LD	.005	
	73	.007	.008	.010	LD	.0064
	74	.007	.005	.004	.003	.0048

POLLUTANT : 17117 - CHROMIUM
METHOD : HI-VOL EMISSION SPECTRA (LOW TEMP ASH)
UNITS : UG/CU METER (25 C)
DATA TYPE : QUARTERLY COMPOSITE
PROJ. CLASSIFICATION : URBAN
ANALYTICAL QUALITY : 21(+-)47.86?

LOWER DISCRIMINATION LEVEL (LD)
70 - .0007
71 - .0007
72 - .0006
73 - .0008
74 - .0008

LOCATION	YR.	1ST. QTR.	2ND. QTR.	3RD. QTR.	4TH. QTR.	YR. AVG.
?GEORGIA						
COLUMBUS						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	.0007	LD	LD	LD	
	73	LD	LD	LD	.0006	
	74		LD	.002	.002	
SAVANNAH						
SITE 001	70	LD	LD	LD	.0006	
	71	LD	LD	LD	LD	
	72		LD		.0003	
	73	.0009	.0006	LD		
?HAWAII						
HONOLULU						
SITE 001	70	LD	LD	LD	LD	
	71	.0010	LD	LD	LD	
	72		LD	LD	LD	
	73	LD	.0006	LD	LD	
	74	.0006	.0007	.0002	.0002	.0023
?IDAHO						
BOISE CITY						
SITE 001	70	LD	.0006	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	.0009	LD	LD	
	73	LD	.0006	LD	LD	
	74	.0006	LD			
?ILLINOIS						
CHICAGO						
SITE 001	70	LD	LD	LD	LD	
	71	.0017	.0015	.0010	.0009	.0117
	72	.0010	LD	.0010	.0007	.0067
	73			.0004		
	74				.0003	
EAST ST LOUIS						
SITE 001	70	.0006				
	71	LD	.0010	LD	.0007	
	72	LD	.0006	LD	.0006	
	73	.0008		.0004		
	74			.0011		
EAST ST LOUIS						
SITE 004	70			LD		
JOLIET						
SITE 001	70	LD	.0006	LD		
	71	LD	.0012	.0009		
	72	LD	.0005	LD	LD	
	73	LD	LD	LD		
MOLINE						
SITE 001	72		LD	LD	LD	
	73	LD	LD	LD		
	74	.0004	.0006	.0006	.0005	.0049
NORTH CHICAGO						
SITE 002	70	LD	.0012	LD	.0009	
	71	LD	LD	LD	.0006	
	72	LD	LD	.0005	LD	
	73	LD	LD	LD		
	74	.0003				
PEORIA						
SITE 001	70	.0014	LD	.0018	.0017	.0111
	71	.0006	.0004	.0006	.0009	.0060
	72	LD	LD	LD	LD	
	73	.0006	LD	LD		
ROCKFORD						
SITE 001	70	.0006	.0007			
	71	LD		LD		
	72	LD	LD	LD		
	73		LD			
	74				.0006	
ROCK ISLAND						

LOCATION	YR.	1ST. QTR.	2ND. QTR.	3RD. QTR.	4TH. QTR.	YR. AVG.
SITE 001	70	.0005	.0014	.0008	.0017	.0100
	71	LD	.0010	LD	.0017	
	72	LD	LD	LD		
	73		LD	.0007		
	74		.0013	.0004	.0009	
SPRINGFIELD						
SITE 001	70	.0006	.0006	.0005	LD	.0044
	71	LD	.0011	LD	.0008	
	72	LD	LD	.0006	LD	
	73	LD	LD	LD		
	74	.0007	.0006	.0003	.0005	.0043
?INDIANA						
EAST CHICAGO						
SITE 001	70	.0031	.0046	.0027	.0044	.0769
	71	.0031	.0035	.0029	.0020	.0775
	74	.0005	.0018	.0020	.0076	.0196
EVANSVILLE						
SITE 001	70	LD	LD	.0007	.0007	
	71	LD	.0013	LD	LD	
	72	.0011	.0008	.0005	.0009	.0082
	73	LD	LD	.0004		
	74		.0007	.0008	.0006	
FORT WAYNE						
SITE 001	70	.0011	.0006	.0005	.0007	.0078
FORT WAYNE						
SITE 002	71	.0009	.0009	.0015	.0009	.0106
	72	.0006	.0007	.0010	.0010	.0108
	73	.0014	.0014	.0012		
GARY						
SITE 001	70	.0019	.0020	.0015	.0017	.0167
	71	.0024	.0013		.0020	
	72	.0013	.0011	.0011	.0010	.0111
	73	.0011	.0012	.0010		
	74	.0008	LD	.0007	.0010	.0064
HAMMOND						
SITE 001	70	.0017	.0009	.0011	.0022	.0146
	71	.0008	.0017	.0011	.0012	.0120
HAMMOND						
SITE 002	72	.0007	.0023	.0010	.0007	.0172
	73	.0027	.0008	.0009		
	74	.0005	.0009	.0014	.0010	.0096
INDIANAPOLIS						
SITE 001	70	.0005	.0007	.0009	.0010	.0078
	71	.0007	.0005	.0006	.0008	.0068
	72	.0009	.0007	.0006		
	74		.0006	.0011		
MUNCIE						
SITE 001	70	.0008	.0007			
	71			.0006	.0011	
	72	.0013				
NEW ALBANY						
SITE 002	70	.0010	.0009	.0005	.0009	.0092
	71	.0011				
	72		.0006	.0009	LD	
	73	.0005	.0007	LD		
	74		.0005	.0011		
SOUTH BEND						
SITE 002	70	LD	LD	LD	LD	
	71	.0009	.0007	.0008		
	72		.0005	LD	LD	
	73	.0007	.0005	LD		
	74	.0005	.0003	.0003	.0004	.0039
TERRE HAUTE						
SITE 001	70	LD	LD	LD	.0005	
	71	.0009		.0009		
	72	LD	LD	.0001	LD	
	73	.0004	LD			
	74		.0009	.0006	.0007	

POLLUTANT : 17112 - CHROMIUM
METHOD : HI-VOL EMISSION SPECTRA (LOW TEMP ASH)
UNITS : UG/CU METER (25 C)
DATA TYPE : QUARTERLY COMPOSITE
PROJ. CLASSIFICATION : URBAN
ANALYTICAL QUALITY : 21(+-)42.86?

LOWER DISCRIMINATION LEVEL (LDL)
70 - .0007
71 - .0007
72 - .0006
73 - .0008
74 - .0008

LOCATION	YR.	1ST. QTR.	2ND. QTR.	3RD. QTR.	4TH. QTR.	YR. AVG.
IOWA						
CEDAR RAPIDS						
SITE 001	70	.009	.005	LD	.005	.0046
	71	.008	.009	.018		
	72	LD	.003	.004	.002	.0027
	73	LD	LD	.019	.004	
	74	.004	LD	.010	.004	.0046
DAVENPORT						
SITE 001	70	.01?	.006	.006	.011	.0102
	71	LD		.013	.013	
	72	.007	.017	.004	.005	.0081
	73	.007	.003	.003	.004	.0033
	74	.007	.009	.006	.007	.0064
DES MOINES						
SITE 001	70	LD	LD	LD	.005	
	71	LD	.005	.006	.006	.0047
	72	.001	.007	.003	LD	.0029
	73	LD	LD	LD	LD	
	74	.006	.005	.006	.006	.0049
DUBUQUE						
SITE 001	70	.011	.009			
DUBUQUE						
SITE 002	71		.009			
	72	LD	.004	.002	.005	.0029
	73	.005	LD	LD	LD	
	74	.007	.002	.006	.004	.0036
DUBUQUE						
SITE 008	74	.007	LD	.005	.004	.0029
WATERLOO						
SITE 001	71		.010	.008	.008	
WATERLOO						
SITE 004	72	.007	.007			
	73		.005	.001	LD	
	74	.007	.007	.002	.006	.0042
KANSAS						
KANSAS CITY						
SITE 002	70	.005	LD	.009	.009	.0060
	71	.01?	.015	.011	.008	.0117
	72	.007	.004	LD	.007	.0055
	73	.004	.006	.003	.001	.0036
	74	.004	.007	.007	.007	.0060
KANSAS CITY						
SITE 012	74		.014	.010	.005	
TOPEKA						
SITE 001	70	LD	LD	LD	LD	
	71	.009	.009	LD	LD	
	72	LD	LD	.007	LD	
	73		LD	LD	.001	
	74	LD	.002	.003	.003	.0021
WICHITA						
SITE 001	70	LD	LD	.007	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD		
	73	.007	LD	LD	LD	
	74	.00?	LD	LD	.007	
KENTUCKY						
ASHLAND						
SITE 002	70	.017	.020	.019	.017	.0181
	71	.01?	.020	.015		
	72	LD	.012	.011	.010	.0107
	73	.008	.006		.005	
	74	.014	.008	.006	.005	.0076
BOWLING GREEN						
SITE 001	70	.005	LD	LD	LD	
	71	.007	.008	LD	LD	

LOCATION	YR.	1ST. QTR.	2ND. QTR.	3RD. QTR.	4TH. QTR.	YR. AVG.
	72	LD	LD	.007	LD	
	73	.009	LD		.001	
	74	.007	.004	.008	LD	.0038
COVINGTON						
SITE 001	70	.008	.013	.012	.009	.0104
	71	.019	.022	.009	.013	.0158
	72	.010	.005	.005	LD	.0051
	73	LD	.002			
	74	.007	.005	.008	.003	.0059
LEXINGTON						
SITE 001	70	.007	LD	.006	LD	
	71	.009	.013	.014	.009	.0112
	72	LD	LD	LD	.007	
	73	.009	LD			
	74				.001	
LOUISVILLE						
SITE 002	72	.007	.013			
	73			.006	.002	
	74		.006	.011	.011	
LOUISVILLE						
SITE 003	70		.007	.008	.016	
	71	.007	.012	.01?	.015	.0122
LOUISIANA						
BATON ROUGE						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73	.007	LD	LD		
	74	.005	.003	LD	.007	.0029
NEW ORLEANS						
SITE 002	70	.01?	.008	.010	.020	.0176
	71	.006	.006	.006	.011	.0071
	72	.010	.008	.009	.008	.0087
	73	.006	.003	.006		
	74	.006	.009		.006	
SHREVEPORT						
SITE 001	70	LD	LD	LD	.010	
	71	.009	LD	.007	.008	.0059
	72	LD	.005	.008	.005	.0048
	73		.003	.004	.006	
	74	.005	.009	LD	.007	.0053
MAINE						
PORTLAND						
SITE 002	70	LD	LD	.009	.012	
	71	.171	.006	.009	.005	.0477
	72	.007	.009			
	73		.009			
	74	LD	.002	.004		
MARYLAND						
BALTIMORE						
SITE 001	70	.053	.056	.130	.027	.0666
	71	.119	.126		.035	
	72	.167	.032	.123	.024	.0805
	73	.044	.060	.023	.052	.0469
	74	.038	.046	.024	.035	.0357
MASSACHUSETTS						
BOSTON						
SITE 001	70	.009		.007	.006	
	71		LD			
	72	LD	LD	.006		
	73				LD	
	74		.006	.003		
CAMBRIDGE						
SITE 001	70		LD		LD	
	71	LD	LD	LD	.010	
	72		.003			
	73			.001	.004	
	74		LD	.001		

POLLUTANT : 17112 CHROMIUM
METHOD : HI-VOL EMISSION SPECTRA (LOW TEMP ASH)
UNITS : UG/CU METER (25 C)
DATA TYPE : QUARTERLY COMPOSITE
PROJ. CLASSIFICATION : URBAN
ANALYTICAL QUALITY : 21(+-)62.8%

LOWER DISCRIMINATION LEVEL (LDL)
70 - .0007
71 - .0007
72 - .0006
73 - .0008
74 - .0008

LOCATION	YR.	1ST. QTR.	2ND. QTR.	3RD. QTR.	4TH. QTR.	YR. AVG.
MASSACHUSETTS						
FALL RIVER						
SITE 002	70	LD	LD	LD	LD	
	71	.005	LD	LD	.005	
	72			.001	LD	
	74		LD	LD		
NEW BEDFORD						
SITE 001	70		.005			
	72		LD			
	73			LD	LD	
	74		LD	LD		
SPRINGFIELD						
SITE 002	70	LD	.006	LD	.005	
	71	.005	LD			
	72		.003	.003	.003	
	73	.005	.002			
	74		.005	.006		
WORCHESTER						
SITE 001	70	.009	.008	.007	LD	.0061
	71	.011	.010	.007	.014	.0117
	72	.009	.005	.004	.004	.0057
	73	.007	.007		.005	
	74		LD			
MICHIGAN						
DEARBORN						
SITE 001	70	.006	.015	.010		
	71		.016	.015		
	73	.006	.005	.015		
	74	.007	.007	.005	.002	.0044
DETROIT						
SITE 001	70	.009	.024	.012	.012	.0149
	71	.014	.017	.018	.019	.0156
	74			.013	.006	
FLINT						
SITE 001	70	LD	.006	LD	.009	
	71	.013	.017	.012	.011	.0118
	72	.004	.005	.007		
	73	.005	.007	.010		
	74				.006	
GRAND RAPIDS						
SITE 001	70	.005	LD	.007	.009	.0057
	71	.009	.009	.007	.008	.0076
	72	.005	LD	.009	LD	
	73	.009	.005	.002		
LANSING						
SITE 001	70	.007	.008	.008	.007	.0077
	71	LD	LD	.009	.007	
	73		.008	.007	.005	
	73	LD	.002	LD		
	74	.007	.004	.005		
SAGINAW						
SITE 001	70	.006	.005	.007	.008	.0067
	71	LD	LD	LD	.007	
	73	LD	.005	.005		
	73	LD	LD	.009	LD	
	74	LD	.009	.006	LD	
YPSILANTI						
SITE 001	70	.009	.007	.007	.006	.0077
	71	LD	.010	LD	.009	
	73	.005	.008	.008	.008	.0065
	73	.005	.004	.002		
	74		.005	.009		
MINNESOTA						
DULUTH						
SITE 001	70	.005	.006	.007	LD	.0046
	71	.011	.017	.007	.009	.0099
	72	LD	.010	.005	.004	.0045

LOCATION	YR.	1ST. QTR.	2ND. QTR.	3RD. QTR.	4TH. QTR.	YR. AVG.
	73	LD	LD	LD		
	74	LD	.003	LD	.002	
MINNEAPOLIS						
SITE 001	70	.008	.006	.006	.007	.0066
	71	LD	LD	LD	LD	
	72	.005		.004	.005	
	73	LD		LD		
	74			.006		
MOORHEAD						
SITE 001	70	LD	.006	LD	.006	
	71	LD	.005	LD		
	73	.005		.004		
	73	LD				
ST PAUL						
SITE 001	70	.017	.008	.007	.007	.0096
	71	LD	LD	LD		
	72	.005	.010	.006	.005	.0064
	73	.005	LD	.004		
	74	LD	.006	.007	.029	.0090
MISSISSIPPI						
JACKSON						
SITE 002	70	LD	.017	LD		
	71	LD	.007			
	73	LD	.003	LD	LD	
	74	.007	.003	.006	LD	.0021
MISSOURI						
KANSAS CITY						
SITE 002	70	.006	.007	.006	LD	.0049
	71	.009	.008			
	73	.008	LD	.003	LD	
	74	.007	.003	LD		
ST LOUIS						
SITE 001	70	.017	LD		.017	
	71	.015	.016	.007	.009	.0116
	72	.007	.007	.006	.007	.0068
	73				.007	
	74	.009	.012	.010	.006	.0092
MONTANA						
HELENA						
SITE 001	70	LD	LD	LD		
	71	LD	LD	LD	LD	
	72		LD			
NEBRASKA						
LINCOLN						
SITE 002	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	.001	.009	
	73	LD	LD	LD	LD	
	74	LD	.003	.003	.004	.0025
OMAHA						
SITE 001	70	LD	LD	.008	LD	
	71	LD	.008	.020	.007	.0088
	72	.003	.004	.008	.008	.0057
	73	LD	.003	.002	LD	
	74	.001	.006	.002	LD	.0026
NEVADA						
LAS VEGAS						
SITE 001	70	LD	LD	LD		
	71	LD	LD	.006		
	72	LD				
	74		.007		LD	
RENO						
SITE 001	70	LD	LD	LD		
	71	LD		LD		
	72	.003	LD	LD	.007	
	73	LD	LD	LD	LD	
	74	LD	LD	.004	LD	

POLLUTANT : 12117 - CHROMIUM
METHOD : HI-VOL EMISSION SPECTRA (LOW TEMP ASH)
UNITS : UG/CU METER (25 C)
DATA TYPE : QUARTERLY COMPOSITE
PROJ. CLASSIFICATION : URBAN
ANALYTICAL QUALITY : 21(+-)42.86%

LOWER DISCRIMINATION LEVEL (LDL) :
70 - .0007
71 - .0007
72 - .0006
73 - .0008
74 - .0008

LOCATION	YR.	1ST. QTR.	2ND. QTR.	3RD. QTR.	4TH. QTR.	YR. AVG.
NEW HAMPSHIRE						
CONCORD						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	.0007	.0008	.0006	LD	*.0041
	73	LD			.0007	
	74	.0007	.0007	.0007		
NEW JERSEY						
BAYONNE						
SITE 001	70	.0076	.0034	LD		
	72		.0018	.0016	.0040	
	74		.0006	.0012	.0020	
BURLINGTON CO						
SITE 002	70	.0009	.0006	LD	.0008	*.0059
	71	.0017	.0010	.0007	.0007	*.0090
CAMDEN						
SITE 001	70	.0015	.0019	.0021	.0013	*.0169
	71	.0025	.0024			
	72		.0009	.0023		
	73			.0007	.0009	
	74	.0009	.0026			
CAMDEN CO						
SITE 002	73		LD	.0002		
ELIZABETH						
SITE 002	70	.0018	.0006	.0007	.0012	*.0097
	71	.0017	.0010	.0010	.0017	*.0123
	72	.0017	.0009	.0008		
	73			.0005	.0005	
	74	.0029	.0005	.0006	.0006	*.0117
GLASSBORO						
SITE 001	70	LD	LD	LD	LD	
	71	.0008	.0005	.0006		
	72	.0005	.0003	.0004	.0002	*.0038
	73			LD		
	74	.0006	.0003	LD	.0005	*.0038
HAMILTON						
SITE 001	70		.0009	.0008	LD	
	71	.0010	.0009			
JERSEY CITY						
SITE 001	70	.0033	.0068	.0019	.0071	*.0429
	71	.0068	.0033	.0050	.0038	*.0523
	72	.0035	.0020	.0020	.0007	*.0208
	73			.0013	.0020	
	74			.0029		.0007
NEWARK						
SITE 001	70	.0010	.0022	.0022	.0020	*.0187
	71	.0015	.0024	.0012		
	72	.0017	.0025	.0014	.0005	*.0142
	73			.0014	.0003	
	74	.0007	.0007	.0016	.0012	*.0105
PATERSON						
SITE 001	70	.0021	.0017	.0006	.0007	*.0114
	71	LD	.0016			
	72				.0007	
	73			.0001	LD	
	74	LD	.0015		.0005	
PERTH AMBOY						
SITE 001	70	.0007	.0005	.0008	.0009	*.0080
	71	.0017	.0012	.0009	.0009	*.0108
	72	.0008	.0008	.0008	.0007	*.0076
	74		.0006	.0007		
TRENTON						
SITE 001	70	.0008	LD	.0008	.0005	*.0068
	71		.0010	.0012		
	72	.0005	.0008	.0007	.0005	*.0055
	73			LD	LD	
	74	.0005	.0003	.0008	.0008	*.0061

LOCATION	YR.	1ST. QTR.	2ND. QTR.	3RD. QTR.	4TH. QTR.	YR. AVG.
NEW MEXICO						
ALBUQUERQUE						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	.0004	.0008	.0003	LD	*.0038
	73	LD	LD	.0004		
	74	.0005	.0002	.0002	LD	*.0022
NEW YORK						
ALBANY						
SITE 001	70	.0008	.0009	.0007		
	71	.0025	.0007	.0009		
	72	LD	.0003	.0003	.0007	*.0021
	73		LD		.0004	
	74	.0007	.0003	.0037	.0005	*.0116
BUFFALO						
SITE 001	70	.0010	.0017	.0016	.0011	*.0135
	71	.0016	.0008	.0004	.0008	*.0102
	72	.0004	.0001	.0008	.0008	*.0051
	73		.0004	.0003	.0007	
	74	.0008	.0005	.0010	.0014	*.0091
NEW YORK CITY						
SITE 001	70	.0014	.0013	.0019	.0014	*.0150
	71	.0013	.0012		.0018	
	72	.0004	.0020	.0017	.0005	*.0123
	73		.0007	.0012	.0005	
	74	.0006	.0013	.0010	.0009	*.0091
NIAGARA FALLS						
SITE 001	70	.0019	.0029	.0012	.0082	*.0355
	71	.0017	.0018	.0020	.0019	*.0171
	72	.0018	.0045	.0029	.0029	*.0701
	73			.0075	.0028	
	74	.0020	.0019	.0035	.0005	*.0199
ROCHESTER						
SITE 001	70	.0017	.0012	.0010	.0011	*.0125
	71	.0006	.0007	LD	.0006	*.0047
	72	.0003	.0005	.0005	LD	*.0033
	73		LD	.0003	.0004	
	74	.0007	.0002	.0005	.0008	*.0039
SYRACUSE						
SITE 001	70	.0014	.0014	.0020	.0007	*.0140
	71	.0009	.0038	.0008	.0009	*.0150
	72	.0005	.0012	.0007	.0010	*.0082
	73		LD	.0004	LD	
	74	.0007	.0005	.0011	.0013	*.0088
UTICA						
SITE 001	70	.0008	.0008	.0005	.0008	*.0074
	71	LD	.0008	.0006	LD	
	72	.0004	.0005	.0006	.0004	*.0045
	73				.0002	
	74		.0005		.0023	
YONKERS						
SITE 001	70	.0007	.0020	.0017	.0005	*.0110
	71	.0019		.0012	.0013	
	72	.0005	.0010	.0014		
	74			.0015	.0002	
NORTH CAROLINA						
CHARLOTTE						
SITE 001	70	LD	.0005	.0005	LD	
	71	LD	LD			
	72	LD	LD	.0003	LD	
	73	.0005	LD	.0003	.0002	*.0024
	74	LD	LD	.0005	.0005	
DURHAM						
SITE 001	70	.0006	LD	LD	.0008	
	71		LD	LD	LD	
	72	LD	.0002	LD	LD	
	73	.0004	LD	LD	.0003	
	74	LD	.0003	.0005	.0006	*.0038

ATTENTION

AS NOTED IN THE NTIS ANNOUNCEMENT,
PORTIONS OF THIS REPORT ARE NOT LEGIBLE.
HOWEVER, IT IS THE BEST REPRODUCTION
AVAILABLE FROM THE COPY SENT TO NTIS.

POLLUTANT : 12317 - STRONTIUM
METHOD : HI-VOL EMISSION SPECTRA FLOW TEMP ASHI
UNITS : UG/CU METER (25 C)
DATA TYPE : QUARTERLY COMPOSITE
PROJ. CLASSIFICATION : URBAN
ANALYTICAL QUALITY : 7114-149.869

LOCATION	YR.	1ST. QTR.	2ND. QTR.	3RD. QTR.	4TH. QTR.	YR. AVG.
NORTH CAROLINA						
GREENSBORO						
SITE 001	70	.006	.008	LD	LD	
	71	.006	.008			
	72	.007	.007	.006	.005	.0036
	73	LD	.013	LD	.003	
	74	.009	.007	.006	.004	.0040
WINSTON-SALEM						
SITE 002	70	LD	.009	LD	LD	
	71	.009	.007	LD	LD	
	72	LD	.002	.005		
	73		.004	.003	LD	
	74	LD	.007	.004	.006	.0031
NORTH DAKOTA						
BISMARCK						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	.008	.006	
	72	LD	.004	.002	LD	
	73	.007	.002	.002	LD	.0019
OHIO						
AKRON						
SITE 001	70	.015	LD	.011	.013	.0093
	71	.026	.010	.009	.019	.0149
	72	.008	.007	.020		
	73	.009	.005	.011		
	74		.008	.008		
CANTON						
SITE 001	70	.027	.013	.037	.032	.0273
	71	.017	.007	.027	.032	.0332
	72	.010		.006	.006	
	73	.025	.022	.040		
	74		.025	.018	.018	
CINCINNATI						
SITE 001	70	.017	.027	.030	.029	.0234
	71	.057	.027	.015	.016	.0278
	72	.008	.006	.009	.010	.0064
	74		.005		.004	
CLEVELAND						
SITE 001	70	.011	.016	.019	.009	.0173
	71	.017	.011			
	72	.009	.006		.009	
	74				.010	
COLUMBUS						
SITE 001	70	.007	.008	.039	.007	.0076
	71	.009	.010	.006	.009	.0083
	72	.007	.005	.006	.011	.0064
	73	.017				
	74				.006	
DAYTON						
SITE 001	70	LD	.004	.006	.005	.0049
	71	LD	.009	.011	.009	.0078
	72	.005	.011	.008	.006	.0079
	73	.004	.009	.011		
	74	.010			.006	
IRONTON						
SITE 002	71	.017	.016	LD	.007	.0084
	72	LD	LD	LD	.005	
	73	LD	LD	.004		
	74		.002			
PORTSMOUTH						
SITE 002	71	.006	.007	.005	.016	.0078
	72	LD	LD	.006	LD	
	73	LD	.017	.003		
	74		.004			
STEUBENVILLE						
SITE 001	71	.079	.139	.105	.062	.0861
	72	LD				
	73	.109	.054	.228		
	74			.071		

LOWER DISCRIMINATION LEVEL (LD)
70 - .0007
71 - .0007
72 - .0006
73 - .0008
74 - .0008

LOCATION	YR.	1ST. QTR.	2ND. QTR.	3RD. QTR.	4TH. QTR.	YR. AVG.
TOLEDO						
SITE 001	70	LD	.005	LD		
	71	.008	.008	.005	.005	.0067
	72	LD	.006	LD	.007	
	74		LD	.003	.012	
YOUNGSTOWN						
SITE 001	70	.013	.009	.017	.043	.0205
	71	.011	.017	.017	.019	.0184
	72	.013	.014	.017	.019	.0177
	73			.028		
	74	.006	.011		.010	
OKLAHOMA						
OKLAHOMA CITY						
SITE 001	70	LD	LD	LD	LD	
	71	.006	.007			
OKLAHOMA CITY						
SITE 014	73	.005	LD	LD	LD	
	73	.009	.003			
	74	.001	.005	.004	LD	.0026
OKLAHOMA CITY						
SITE 029	73	.006	.032	LD		
	74	.006	.008	.008	.007	.0047
TULSA						
SITE 001	70	LD	LD	LD	LD	
	71	.007	LD	LD	LD	
	72	LD	LD	.008		
	73	LD	LD	.011	LD	
	74	.004	LD	LD	LD	
OREGON						
EUGENE						
SITE 004	70	LD	LD	LD		
MEDFORD						
SITE 001	70	LD	LD	LD		
	71	.007	.005			
PORTLAND						
SITE 004	70	.025	.018	.006	.014	.0150
	71	.018		.027	.034	
	72	.006	.012	.027	.030	.0185
	73			.008		
	74	LD	.011			
PENNSYLVANIA						
ALLENTOWN						
SITE 001	70	.017	.009	.012	.014	.0118
	71	.010	.009	.011	.017	.0108
	72	.006	.003	.004	.006	.0069
	73	LD	LD	LD	LD	
	74	.005	LD	LD	LD	
ALTOONA						
SITE 001	70	.020	.018	.016	.015	.0167
	71	.014	.007	.009	.017	.0105
	72	.005	.005	.008	.009	.0067
	73	.007	LD	.007	.005	.0067
	74		.005	.009	.007	
BETHLEHEM						
SITE 002	70	.008	.023	.025	.021	.0193
	71	.020	.017	.025	.010	.0171
	72	.008	.009	.018	.015	.0126
	73	.007	.012	.015	.028	.0156
	74	.003	.005	.010		
CLEARFIELD CO						
SITE 001	72	.005	.006	.005		
ERIE						
SITE 002	70	.004	.028	.018	.032	.0171
	71	.013	.010	.019	.017	.0137
	72	.010	.008	.033	.018	.0166
	73	.022	.010	.009	.038	.0209
	74		.005	.008	.008	

POLLUTANT : 17117 - CHROMIUM
METHOD : HI-VOL EMISSION SPECTRA (LOW TEMP ASH)
UNITS : UG/CU METER (25 C)
DATA TYPE : QUARTERLY COMPOSITE
PROJ. CLASSIFICATION : URBAN
ANALYTICAL QUALITY : 2114-149.861

LOWER DISCRIMINATION LEVEL (LDL)
70 - .0007
71 - .0007
72 - .0006
73 - .0008
74 - .0008

LOCATION	YR.	1ST. QTR.	2ND. QTR.	3RD. QTR.	4TH. QTR.	YR. AVG.
PENNSYLVANIA						
HARRISBURG						
SITE 001	70	.010	.026	.043	.044	.0357
	71	.019	.044	.055	.038	.0440
	72	.033	.030	.020	.011	.0236
	73	.009	.008		.021	
	74		.017			
HAZLETON						
SITE 001	70	.007	LD	LD	.007	
	71	.009	.009	.013	.017	.0109
	72	.007	LD	LD	.006	
	73	.009	.002	LD	.012	.0057
	74	.007	LD	.008	.005	.0051
JOHNSTOWN						
SITE 001	70	.017	.016	.015	.016	.0201
	71	.025	.021			
LANCASTER CITY						
SITE 001	70	.018	LD			
	71			.013	.017	
LANCASTER CITY						
SITE 002	70			LD		
	73		.005	.006	.005	
	74	LD	.007	.005		
PHILADELPHIA						
SITE 001	70	.017	.017	.020	.012	.0138
	71	.017	.017	.015	.015	.0136
PHILADELPHIA						
SITE 008	73	.012	.005	.012	.005	.0085
	73	.015			.042	
	74	.012	.014	.010	.009	.0111
PITTSBURGH						
SITE 001	70	.029	.025	.033	.041	.0308
	71	.029	.048		.042	
	74	.018	.019	.021	.015	.0171
READING						
SITE 001	70	.022	.011	.025	.023	.0327
	71	.025	.035	.070		
	72	.020	.016	.059	.025	.0427
	73	.025	.009	.032		
SCRANTON						
SITE 001	70	.009	.005	.006	.009	.0069
	71	.008	.010	.026	.017	.0094
	72	.005	.007	.007	.013	.0080
	73	.012	.007	.008	.013	.0105
	74	.007	.005	.006	.011	.0072
WARMINSTER						
SITE 001	70	LD	LD	LD	.013	
	71	.007	.007			
	74		.009	.005		
WEST CHESTER						
SITE 001	70	.005	LD	LD		
	71	.012				
	73	.028	.028	.022		
WILKES-BARRE						
SITE 001	70	.007	LD	.009	LD	
	71	.009	.007	.005	LD	.0054
	72	.005	.006	.004	.006	.0048
	73	.013	LD	.015	.010	.0094
	74	.005	.003	.006	.003	.0044
YORK						
SITE 001	70	.009	.005	.014	.009	.0081
	71	.009	.007	LD	.007	.0057
	72	.007	.004	.008	.012	.0084
	73	.005	.014	.014	.007	.0100
	74	.009				

LOCATION	YR.	1ST. QTR.	2ND. QTR.	3RD. QTR.	4TH. QTR.	YR. AVG.
PUERTO RICO						
BAYAMON						
SITE 002	70	LD	.008	.007	.006	.0049
	72	LD	LD	.016	LD	
	73		LD			
	74	.008	.004	.004		
CATANO						
SITE 002	70	.007	.013	LD	.005	.0063
	72	LD	.008	LD	.007	
	73		.005	.007	.008	
	74		LD	.005		
GUAYANILLA						
SITE 002	70	.019	.021	.008	.030	.0178
	72	.005	.008	LD	LD	
	73		LD	.004	.006	
	74	.007	.010			
PONCE						
SITE 002	70	LD	.005	LD	LD	
	72	LD	LD	LD	LD	
	73		LD	LD	.007	
	74	.001	.007		.007	
SAN JUAN						
SITE 001	70	LD	.004	.007	.005	.0052
	72	.021	.015	LD	LD	
	73		.005	.008	.009	
	74	.005	LD	.008		
RHODE ISLAND						
EAST PROVIDENCE						
SITE 001	70	LD	LD	.007	LD	
	71	.008	LD	LD	.007	
	72	LD	.017	.001	.056	.0186
	73	.011	LD	.002	.002	.0036
	74			.005		
PROVIDENCE						
SITE 001	70	.005	LD	LD	.005	
	71	LD	LD	.006	.005	
	72	LD	LD	.002	.002	
	73	.001	.009		.002	
	74	.004		.004	.005	
SOUTH CAROLINA						
COLUMBIA						
SITE 001	70	.006	LD	LD		
	71	.006				
	72	.001	.008	.003	LD	.0029
	73	.021	.019	.012	.016	.0171
	74		.003	.006	LD	
GREENVILLE						
SITE 001	70	.006	LD	LD	LD	
	71	.005	LD	LD	LD	
	72	LD	.002	.002	.002	.0018
	73	.049	LD	.024	.027	.0162
	74	.006	.005	.005	LD	.0042
SOUTH DAKOTA						
SIOUX FALLS						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	.004	.003		
	73	LD	.004	LD		
TENNESSEE						
CHATTANOOGA						
SITE 001	70	.017	.009	.010	.015	.0125
	71	.015	.022	.023		
	72	.005	.005	.007	.007	.0061
	73	.005	.007			
	74			.007		
KNOXVILLE						
SITE 001	70	.006	LD	LD		

POLLUTANT : 17112 - CHROMIUM
METHOD : HI-VOL EMISSION SPECTRA (LOW TEMP ASH)
UNITS : UG/CU METER (25 C)
DATA TYPE : QUARTERLY COMPOSITE
PROJ. CLASSIFICATION : URBAN
ANALYTICAL QUALITY : 2114-142.867

LOWER DISCRIMINATION LEVEL (LDL)
70 - .0007
71 - .0007
72 - .0006
73 - .0008
74 - .0008

LOCATION	YR.	1ST. QTR.	2ND. QTR.	3RD. QTR.	4TH. QTR.	YR. AVG.
TENNESSEE						
KNOXVILLE						
SITE 002	71	.007	.007	.008	.007	.0071
	72	LD	.008	LD	.008	
	74		LD	.005	LD	
MEMPHIS						
SITE 001	70	.007	.024	.017	LD	.0120
	71	LD	.012	.017	.019	.0120
	72	.009	.008	LD	.008	.0043
	73	.006	.003	.007	LD	.0049
	74	.018	.010	.005	.009	.0095
NASHVILLE						
SITE 001	70	.009	.004	.008	LD	.0060
	71	.009	.018			
	72	.005	LD		.005	
	73	.010	.010	.005	.007	.0068
	74	.008	.004	.007		
TEXAS						
AMARILLO						
SITE 002	71	LD				
	74		.004			
AUSTIN						
SITE 002	70			LD	LD	
	71	LD	LD	LD	.006	
	74	LD	.006			
BEAUMONT						
SITE 001	70			LD	LD	
	71	LD	.007			
	74		.005			
CORPUS CHRISTI						
SITE 001	70			.010	LD	
	71	.008		.010		
	74		LD	.012		
DALLAS						
SITE 002	70	.010	.011	.012	.010	.0120
	71	.009	.017	.010	.009	.0102
	72	.005	.005	.003	.005	.0047
	73	.005	.008		.005	
	74	.007	.007	.007	.012	.0078
EL PASO						
SITE 002	70	LD	LD	LD	.011	
	71	LD	.008	LD		
	72	.005	LD	LD	.006	
	73	.005	.005	LD	.005	.0039
	74	.005	.007	.004	.005	.0051
FORT WORTH						
SITE 001	70	LD	LD	LD	LD	
	71	.006	LD	.007	LD	
	72	.007	.009	.006	.010	.0069
	73	LD	LD	.010	.006	
	74	.006	LD	LD	LD	
HOUSTON						
SITE 001	70	LD	.008	.006	.007	.0053
	71	LD	.008	.006	.006	.0051
	72	.005	LD	LD	.008	
	73	.010	.021	.006	.009	.0115
	74	.012	.008	.010	.008	.0094
LUBBOCK						
SITE 001	70			LD	LD	
	71	LD	LD	LD		
	74		.006			
PASADENA						
SITE 002	70	LD	LD	.010	.011	
	71	.010	.009	.017	.016	.0130
	72	.005	LD	.006	.002	.0030
	73	.013	.012	.009	.008	.0106
	74	.007	.007			

LOCATION	YR.	1ST. QTR.	2ND. QTR.	3RD. QTR.	4TH. QTR.	YR. AVG.
SAN ANTONIO						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	.003	.003	.002	LD	.0022
	73	.003		.004	.006	
	74	.015	.006	.003	.008	.0053
WICHITA FALLS						
SITE 001	70			LD		
	71	LD	LD	LD		
WICHITA FALLS						
SITE 002	74	LD		.008		
UTAH						
OGDEN						
SITE 001	70	LD	LD	LD	LD	
	71	.005	.007	LD	.006	.0045
	72	.004	LD	LD	LD	
	73	.002	.009	.005	.010	.0057
SALT LAKE CITY						
SITE 001	70	.016	.007	.013	.005	.0102
	71	.011	.013		.012	
	72	.003	.008	LD	LD	
VERMONT						
BURLINGTON						
SITE 004	70	LD	LD	LD	LD	
	71	.005	LD	LD		
	72	LD				
	74	.005	.006	LD	.005	.0041
VIRGINIA						
DANVILLE						
SITE 001	70	LD	LD	.011	.006	
	71	.008	.007	LD		
	72	.003	LD	.007	LD	
	73	.003				
	74	.007	LD			
FAIRFAX CO						
SITE 001	71	.007	.009	.008	.007	.0078
	72	LD	LD	LD	.003	
	73	.002	LD	.003		
HAMPTON						
SITE 001	70	.004	.009	LD	LD	
	71	.006	LD	.007	.007	.0050
	72	LD	LD	LD	LD	
	73	LD	.002	.004	.004	.0026
	74	.004	LD	.006	.003	.0034
LYNCHBURG						
SITE 001	70	.010	.005	.006	.01.	.0078
	71	.018	.009	.005	.005	.0096
	72	.004	.005	.008	LD	.0044
	73	.004	LD			
	74			LD	.008	
NEWPORT NEWS						
SITE 001	70	.005	LD	LD	.005	
	71	.007	.007	.010	.009	.0083
	72	LD	LD	LD		
	73	LD	LD	LD		
	74		LD			
NORFOLK						
SITE 001	70	.005	.005	.007	.006	.0058
	71	.011	.011	.009	.007	.0095
	72	LD	LD	LD	LD	
	73	.007	LD	.008	.006	.0043
	74	LD	.005	.009	.005	.0048
PORTSMOUTH						
SITE 001	70	.008	.011	.007	.011	.0091
	71	.008	LD		LD	
	72	LD	LD	LD	LD	
	73	.005	.002	.003	.003	.0035
	74		.006		LD	

POLLUTANT : 17112 - CHROMIUM
METHOD : HI-VOL EMISSION SPECTRA (LOW TEMP ASH)
UNITS : UG/CU METER (25 C)
DATA TYPE : QUARTERLY COMPOSITE
PROJ. CLASSIFICATION : URBAN
ANALYTICAL QUALITY : 21(+-)42.86%

LOWER DISCRIMINATION LEVEL (LD)
70 - .0007
71 - .0007
72 - .0006
73 - .0008
74 - .0008

LOCATION	YR.	1ST. QTR.	2ND. QTR.	3RD. QTR.	4TH. QTR.	YR. AVG.
*VIRGINIA						
RICHMOND						
SITE 002	70	.009	.005	.007	LD	*.0058
	71				.006	
	72	.005	.005			
	73	.008	.004	.003	.005	*.0049
	74					
ROANOKE						
SITE 001	70	LD	LD	.007	.007	
	71	.011	.010	.011	.011	*.0108
	72	LD	LD	LD		
	73	.002		.003	LD	
	74	.001	.009	.005		
*WASHINGTON						
SEATTLE						
SITE 001	70	.005	.006	.005	LD	*.0041
	71	.007	LD	.005	.005	*.0046
	72	.005	LD	LD		
	73	.005	.004	.006	.003	*.0047
	74	LD	.006			
SPOKANE						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	.007	LD	
	72	LD	LD	LD	LD	
	73	.008	LD	LD		
	74	LD	.005			
TACOMA						
SITE 001	70	.007	LD	LD	LD	
	71	.011	.007	LD	LD	
	72	.004	LD	.002	.001	*.0019
	73	.004	.002	.003	LD	*.0027
	74	LD				
*WEST VIRGINIA						
CHARLESTON						
SITE 001	70	.011	.031	.022	.030	*.0249
	71	.025	.028	.022	.021	*.0263
	72	.005	.009	.012	.010	*.0088
	73					
HUNTINGTON						
SITE 001	71		.037	.029	.051	
	72					
HUNTINGTON						
SITE 005	72	LD		.007	.006	
	73	LD		.016	.014	
	74	.017				
SOUTH CHARLESTON						
SITE 001	70	.007	.018	.015	.017	*.0131
	71	.017	.020	.015	.023	*.0176
	72	.002			.006	
	73	.002	.009	.006		

LOCATION	YR.	1ST. QTR.	2ND. QTR.	3RD. QTR.	4TH. QTR.	YR. AVG.
	74	.003	.010	.011	.010	*.0086
*WISCONSIN						
EAU CLAIRE						
SITE 002	70	LD	.006	LD	.007	
	71	LD	.005	LD	LD	
	72	.001	LD	LD	.003	
	73	LD	LD	LD		
	74	.003				
KENOSHA						
SITE 001	70	LD	.009	.011	LD	
	71	.019	.013	.009	.011	*.0111
	72	.002	.008	.003	.007	*.0047
	73	.002	LD	.003		
	74				.005	
MADISON						
SITE 001	70	LD	LD	LD	LD	
	71	.005	.008	.007	LD	*.0051
	72	.004	.008	LD	LD	
	73	LD	.003	.002		
	74	.001	.002	LD	LD	
MILWAUKEE						
SITE 001	70	.011	.008	.011	.016	*.0115
	71	.010	.010	.010	.009	*.0096
	72	.010	.011	.011	.007	*.0096
	73	.004	.003	.006		
	74			.011	LD	
RACINE						
SITE 001	70	.007	.005	LD	.006	*.0046
	71		.009	.008	.011	
	72	LD	.003	.004	LD	
	73	.007	.003	.006		
	74	.006	.007	.005	.004	*.0054
SUPERIOR						
SITE 001	70	.007	.008	.005	LD	*.0051
	71	.007	.012			
	72	LD	LD			
	73		.006		.006	
	74		.006			
*WYOMING						
CASPER						
SITE 001	70	LD	LD	.006	LD	
	72		LD	LD	.006	
	73	.004	LD	.007	.005	*.0033
CHEYENNE						
SITE 001	70	LD	LD	LD	.007	
	72		.023	.013	.005	
	73	.002				

POLLUTANT : 17117 - CHROMIUM
METHOD : HI-VOL EMISSION SPECTRA (LOW TEMP ASH)
UNITS : UG/CU METER (25 C)
DATA TYPE : QUARTERLY COMPOSITE
PROJ. CLASSIFICATION : NON-URBAN
ANALYTICAL QUALITY : 21(+-)42.8%

LOWER DISCRIMINATION LEVEL (LD)
70 - .0007
71 - .0007
72 - .0006
73 - .0008
74 - .0008

LOCATION	YR.	1ST. QTR.	2ND. QTR.	3RD. QTR.	4TH. QTR.	YR. AVG.
ARIZONA						
GRAND CANYON NAT						
STTE 001	70	LD	LD	LD	LD	
	71	LD	.011	LD		
	72				LD	
	73	LD	LD		LD	
	74	.007	.002	.009	LD	.0035
MARICOPA CO						
STTE 005	73	LD		.013	LD	
	74	.007	LD			
ARKANSAS						
MONTGOMERY CO						
STTE 001	70	LD	LD	LD	LD	
	71	LD	.006	.006		
	72	.008		LD	.006	
	73	.028	LD	LD		
	74	LD	LD	LD	LD	
CALIFORNIA						
HUMBOLDT CO						
STTE 001	70	LD	LD	LD	.008	
	71	LD				
COLORADO						
MESA VERDE NAT PA						
STTE 002	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72		LD	.003	LD	
	73	LD	LD	.002	LD	
DELAWARE						
KENT CO						
STTE 001	70	LD	LD	LD		
	71	.008			.008	
	72			LD	LD	
	73			.005		
FLORIDA						
HARDEE CO						
STTE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	.007	LD	LD	LD	
	73				LD	
	74	LD	LD			
HAWAII						
HAWAII CO						
STTE 001	72	LD	LD	LD	LD	
	73			.004	LD	
	74	LD	.002		LD	
HAWAII CO						
STTE 002	72	LD	LD	LD	LD	
	73	LD	LD		LD	
	74	LD			LD	
HAWAII VOLCANOES						
STTE 001	72	LD	LD	LD	.003	
	73	LD	LD		LD	
	74		LD	LD		
IDAHO						
BUTTE CO						
STTE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73	.007	LD	LD	LD	
	74	LD	.006			
INDIANA						
MONROE CO						
STTE 001	70	LD	LD	LD	.026	
	71	.006	LD	LD	LD	
	72	.009	LD	.001	.001	.0008
	73	LD	LD			
	74		.008	.004		

LOCATION	YR.	1ST. QTR.	2ND. QTR.	3RD. QTR.	4TH. QTR.	YR. AVG.
MAINE CO						
STTE 001	70	.005	LD	LD	.009	
	71	.007	.008	.006	.007	.0070
	72	LD	LD	LD		
	74		.007			
LOUISIANA						
TREMAYLLE PAR						
STTE 001	74	LD	LD	LD	.008	
MAINE						
ACADIA NAT PARK						
STTE 001	70	.007	.011	.022	.017	.0142
	71	.011	.005	.012	.015	.0107
	72	LD	.005	.005	.003	.0035
	73		.007	.005	LD	
	74	LD	.002	.003		
MARYLAND						
CALVERT CO						
STTE 001	70	LD				
	72		.009	.008		
	73				.009	
	74			.003		
MISSISSIPPI						
JACKSON CO						
STTE 001	70	LD	LD	LD		
	71		LD	.005	.008	
	72	.004	.005	.007	.006	.0054
	73	LD	LD			
	74	LD	LD	.007	.009	
MISSOURI						
SHANNON CO						
STTE 002	70	LD	.005	LD	LD	
	71	LD	LD	LD		
	72		LD	.003	LD	
	73	LD	LD	LD	LD	
	74	LD	LD		LD	
MONTANA						
GLACIER NAT PARK						
STTE 001	70	LD	LD	LD		
	71	LD	LD	.006	LD	
	72	.004	LD	LD	LD	
NEBRASKA						
THOMAS CO						
STTE 001	70	LD	LD	LD	LD	
	71	LD			LD	
	72	LD		LD	LD	
	73	LD	LD	LD	LD	
	74	.001	LD			
NEVADA						
WHITE PINE CO						
STTE 001	70	LD	LD	LD	LD	
	71	LD			.005	
	72	.004	.007	.002	.004	.0031
	73	LD	.009	LD	LD	
	74	LD	LD	LD	LD	
NEW HAMPSHIRE						
BELKNAP CO						
STTE 001	72	.003	.002	.002		
	73	LD		LD		
COOS CO						
STTE 001	70	LD	LD	LD	LD	
	71	.007	.007	.008		
	72			LD	LD	
	73	LD	.008		.002	
	74	LD	LD	LD		
NEW MEXICO						
RIO ARRIBA CO						
STTE 001	70	LD				
	71		.006			
	72	LD	LD	LD	.002	

POLLUTANT : 12112 - CHROMIUM
METHOD : HI-VOL EMISSION SPECTRA (LOW TEMP ASH)
UNITS : UG/CU METER (25 C)
DATA TYPE : QUARTERLY COMPOSITE
PROJ. CLASSIFICATION : NON-URBAN
ANALYTICAL QUALITY : 2114-142.0F9

LOWER DISCRIMINATION LEVEL (LDL)
70 = .0007
71 = .0007
72 = .0006
73 = .0008
74 = .0009

LOCATION	YR.	1ST QTR.	2ND QTR.	3RD QTR.	4TH QTR.	YR AVG.
NEW YORK						
JEFFERSON CO						
SITE 001	70	LD	.007	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	.006	.006		
	73			LD		
	74	.007	.006	LD		
NORTH CAROLINA						
CAPE HATTERAS NAT						
SITE 001	70	.011	.025	.042	.017	.0215
	71	.007	.051	.029		
	72	.007	.029			
OKLAHOMA						
CHEROKEE CO						
SITE 001	70	LD	LD	LD	LD	
	71	.015	.006		LD	
	72	LD	LD	LD	LD	
	73	LD	LD	LD	LD	
	74	LD	LD	.008		
OREGON						
CURRY CO						
SITE 001	70	LD	LD	LD	.007	
	71	.007	.008			
	72	LD	LD	LD	LD	
	73	LD	.024	LD		
	74	LD	LD			
PENNSYLVANIA						
CLARION CO						
SITE 001	70	LD	.015	.012	LD	
	71	LD	LD	LD	.005	
	72	.005	.007	.007	.005	.0039
	73	LD	.005	.005		
MONTANA CO						
SITE 001	72	LD	.002			
INDIANA CO						
SITE 002	73				.011	
	74	.002			LD	
MONTANA CO						
SITE 003	72	.005	.002	.003	.003	.0061
RHODE ISLAND						
WASHINGTON CO						
SITE 002	70	LD	LD	LD	LD	
	71	.005	LD	LD	LD	
	72	.001	LD	.004		
	73			.004	.004	
	74	.002				
SOUTH CAROLINA						
RICHLAND CO						
SITE 002	70	LD				
	71	LD	LD	LD	LD	
	72	.002	.004	.005	LD	.0026
	73	LD	.022	.007	.008	.0085
	74	LD	.004	.005		
SOUTH DAKOTA						
BLACK HILLS NAT F						
SITE 001	70	LD	LD	LD		
	71	LD	LD	LD	LD	
	72					
	73					
	74	.002	LD	LD	LD	
TENNESSEE						
CUMBERLAND CO						
SITE 001	70	LD	.005	LD	LD	
	71	.004				
TEXAS						
MATAGORDA CO						
SITE 001	70	LD	.007	LD	LD	
	71	.005	LD	LD		
	72	LD	LD	LD	LD	
	73	.005	.015	.017	.020	.0119
	74	LD	LD	.003	LD	
TOM GREEN CO						
SITE 001	70	LD	LD	LD	LD	
	71	.006	LD	LD	LD	
	72	LD	LD	.007	LD	
	73	LD	LD	.006	.007	
	74	.007	.009	LD		
VERMONT						
ORANGE CO						
SITE 001	70	LD	LD	LD	LD	
	71	.008	.005	.007		
	72	LD	LD	LD	LD	
	73		LD	.009	LD	
	74	LD	LD		LD	
VIRGINIA						
SHENANDOAH NAT PAR						
SITE 001	70	LD	LD	.009	LD	
	71	LD	LD	LD		
	72	.007	LD	.005	.005	.0078
	73		LD	.007		
WYOMING CO						
SITE 001	70	LD	LD	LD	LD	
	71	.005	.005	.006		
	72	.004	LD	LD	LD	
	73	LD	.005	LD	LD	
	74	LD			LD	
WASHINGTON						
KING CO						
SITE 002	70	LD	LD	LD	LD	
	71	LD	LD			
	72	.007	LD	.007	LD	
	73	.027	.008	LD	.009	.0020
	74	.001				
WISCONSIN						
DODGE CO						
SITE 001	70	LD	LD			
	72	LD	LD	LD	LD	
	73	LD		LD		
WYOMING						
GRAND TETON NAT PA						
SITE 001	72		LD	LD	LD	
	73	LD	.007	LD	LD	
YELLOWSTONE NAT PA						
SITE 001	72	LD	LD	LD		
	73		LD	LD	LD	
	74	LD	LD	LD	LD	

POLLUTANT : 12111 - COBALT
METHOD : HI-VOL EMISSION SPECTRA (LOW TEMP ASH)
UNITS : UG/CU METER (25 C)
DATA TYPE : QUARTERLY COMPOSITE
PROJ. CLASSIFICATION : URBAN
ANALYTICAL QUALITY : 1ST-ISR,2ND

LOWER DISCRIMINATION LEVEL (LDL)
70 - .0007
71 - .0007
72 - .0005
73 - .0008
74 - .0006

LOCATION	YR.	1ST. QTR.	2ND. QTR.	3RD. QTR.	4TH. QTR.	YR. AVG.
ALABAMA						
BIRMINGHAM						
SITE 003	70	LD		LD	LD	
	71	LD	LD		LD	
	72	LD	LD	LD	LD	
	73	LD	LD	LD	LD	
	74	LD	LD	LD	LD	
GADSDEN						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73	LD	LD	LD	LD	
	74	LD	LD	LD	LD	
HUNTSVILLE						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73	LD	LD	LD		
	74		LD	LD		
MOBILE						
SITE 001	70	LD		LD	LD	
	71	LD	LD			
	72	LD	LD	LD	LD	
	73	LD	LD		LD	
	74		LD	LD	LD	
MONTGOMERY						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73	LD	LD	LD	LD	
	74	LD	LD	LD	LD	
ALASKA						
ANCHORAGE						
SITE 003	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73	LD	LD	LD	LD	
	74	LD		LD		
FAIRBANKS						
SITE 001	70	LD	LD	LD		
	71				LD	
	72	LD	LD	LD	LD	
	73			LD	LD	
	74			LD		
ARIZONA						
DOUGLAS						
SITE 001	71	LD	LD			
	72	LD	LD	LD	LD	
	73			LD	LD	
	74	LD	LD	LD		
MARICOPA CO						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD		LD	
PHOENIX						
SITE 002	70	LD		LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73	LD	LD	LD	LD	
	74	LD	LD	LD	LD	
TUCSON						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73	LD	LD	LD	LD	
	74	LD	LD	LD	LD	
ARKANSAS						
LITTLE ROCK						
SITE 001	70	LD	LD	LD	LD	
	71	LD		LD	LD	
	72				LD	
	73	LD	LD			
	74	LD	LD			
TEXARKANA						
SITE 001	70	LD		LD	LD	
	71	LD	LD			
	72			LD		
	73		LD			
	74				LD	
WEST MEMPHIS						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73	LD	LD	LD	LD	
	74	LD	LD	LD	LD	
CALIFORNIA						
ANAHEIM						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73	LD	LD	LD	LD	
	74	LD	LD	LD	LD	
BERKELEY						
SITE 001	70	LD	LD	LD		
	71			LD	LD	
	72	LD	LD	LD	LD	
	73	LD	LD	LD	LD	
	74	LD	LD	LD	LD	
BURBANK						
SITE 002	70	LD	LD	LD	.010	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73	LD	LD	LD	.010	LD
	74	LD	LD	LD	LD	LD
FRESNO						
SITE 002	70	LD	LD	LD	LD	LD
	71	LD	LD	LD		
	72	LD	LD	LD	LD	LD
	73	LD	LD	LD	LD	LD
	74	LD	LD	LD	LD	LD
GLENDALE						
SITE 001	70	LD	LD	LD	LD	LD
	71	LD	LD	LD	LD	LD
	72	LD	LD	LD	LD	LD
	73	LD	LD	LD	LD	LD
	74	LD	LD	LD		
LONG BEACH						
SITE 001	70	LD	LD	LD	LD	LD
	71	LD	LD	LD	LD	LD
	72	LD	LD	LD	LD	LD
	73	LD	LD	LD		
	74	LD	LD	LD	LD	LD
LOS ANGELES						
SITE 001	70	LD	LD	LD	LD	LD
	71	LD	LD	LD	LD	LD
	72	LD	LD	LD	LD	LD
	73	LD	LD	LD	LD	
	74	LD	LD	LD	LD	LD
OAKLAND						
SITE 001	70	LD	LD	LD	LD	LD
	71	LD	LD	LD	LD	LD
	72	LD	LD	LD	LD	LD
	73	LD	LD	LD	LD	
	74	LD	LD	LD	LD	LD
ONTARIO						
SITE 001	70	LD	LD	LD	LD	LD
	71	LD	LD	LD	LD	LD
	72	LD	LD	LD	LD	LD
	73	LD	LD	LD		
	74	LD	LD	LD		

POLLUTANT : 17117 - COBALT
METHOD : HI-VOL EMISSION SPECTRA (LOW TEMP ASH)
UNITS : UG/CU METER (25 C)
DATA TYPE : QUARTERLY COMPOSITE
PROJ. CLASSIFICATION : URBAN
ANALYTICAL QUALITY : 1616-158.709

LOWER DETERMINATION LEVEL (LD)
70 - .0007
71 - .0007
72 - .0005
73 - .0008
74 - .0006

LOCATION	YR.	1ST. QTR.	2ND. QTR.	3RD. QTR.	4TH. QTR.	YR. AVG.
CALIFORNIA						
PASADENA						
SITE 003	71	LD	LD	LD	LD	
PASADENA						
SITE 002	70	LD	LD	LD	LD	
	72		LD	LD	LD	
	73	LD	LD	LD	LD	
	74	LD	LD	LD	LD	
RIVERSIDE						
SITE 001	70	LD	LD	LD	LD	
	71	LD			LD	
	72	LD	LD	LD		
SACRAMENTO						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73	LD	LD	LD	LD	
	74	LD	LD	LD	LD	
SAN BERNARDINO						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73	LD	LD	LD	LD	
	74	LD	LD	LD	LD	
SAN DIEGO						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD		
	72	LD	LD	LD	LD	
	73	LD	LD	LD	LD	
	74	LD	LD	LD	LD	
SAN FRANCISCO						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73	LD	LD	LD	LD	
	74	LD	LD	LD	LD	
SAN JOSE						
SITE 002	70	LD	LD			
SAN JOSE						
SITE 003	70			LD	LD	
	71	LD	LD	LD		
SAN JOSE						
SITE 004	72	LD	LD	LD		
	73		LD	LD	LD	
	74	LD	LD	LD	LD	
SANTA ANA						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73	LD	LD	LD	LD	
	74	LD	LD	LD	LD	
TORRANCE						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD		
	72	LD	LD		LD	
	73	LD	LD	LD	LD	
	74	LD	LD	LD	LD	
COLORADO						
DENVER						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD		
	72	LD	LD		LD	
	73	LD				
CONNECTICUT						
BRIDGEPORT						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	

LOCATION	YR.	1ST. QTR.	2ND. QTR.	3RD. QTR.	4TH. QTR.	YR. AVG.
	73	LD	LD	LD	LD	
	74	LD	LD	LD		
HARTFORD						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD		LD	LD	
	73	LD				
	74	LD	LD	LD	LD	
NEW HAVEN						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	73	LD				
	74	LD	LD	LD	LD	
WATERBURY						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73	LD	LD	LD	LD	
	74	LD	LD	LD	LD	
DELAWARE						
NEWARK						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD		
	73	LD	LD	LD	LD	
	74	LD		LD		
WILMINGTON						
SITE 003	70	LD	LD	LD		
	71	LD			LD	
	72	LD	LD	LD	LD	
	73	LD			LD	
	74	LD			LD	
DISTRICT OF COLUMBI						
WASHINGTON						
SITE 001	70	LD	LD		LD	
	71	LD	LD	LD	LD	
	72	LD	LD		LD	
	74	LD				
FLORIDA						
JACKSONVILLE						
SITE 002	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73	LD	LD	LD	LD	
	74			LD	LD	
MIAMI						
SITE 002	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73	LD	LD	LD	.010	
	74	LD	LD	LD	LD	
ST PETERSBURG						
SITE 002	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73	LD			LD	
	74			LD	LD	
TAMPA						
SITE 002	70	LD	LD	LD	LD	
	71	LD	LD	LD		
	72	LD	LD	LD	LD	
	73	LD			LD	
	74			LD	LD	
GEORGIA						
ATLANTA						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73	LD	LD	LD	LD	
	74	LD	LD	LD	LD	

POLLUTANT : 17113 - LEAD
METHOD : HI-VOL EMISSION SPECTRA FLOW TEMP ATM
UNITS : UG/CU METER (25 C)
DATA TYPE : QUARTERLY COMPOSITE
PROJ. CLASSIFICATION : URBAN
ANALYTICAL QUALITY : 1970--1973.30

LOWER DISCRIMINATION LEVEL (LD)
70 - .0007
71 - .0007
72 - .0005
73 - .0008
74 - .0006

LOCATION	YR.	1ST. QTR.	2ND. QTR.	3RD. QTR.	4TH. QTR.	YR. AVG.
GEORGIA						
COLUMBUS						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73	LD	LD	LD	LD	
	74		LD	LD	LD	
SAVANNAH						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD		
	73	LD	LD	LD		
HAWAII						
HONOLULU						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72		LD	LD	LD	
	73	LD	LD	LD	LD	
	74	LD	LD	LD	LD	
IDAHO						
BOISE CITY						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73	LD	LD	LD	LD	
	74	LD	LD			
ILLINOIS						
CHICAGO						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73			LD		
	74				LD	
EAST ST LOUIS						
SITE 001	70	LD				
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73	LD		LD		
	74					
EAST ST LOUIS						
SITE 004	70			LD		
JOLIET						
SITE 001	70	LD	LD	LD		
	71	LD	LD	LD		
	72	LD	LD	LD	LD	
	73	LD	LD	LD		
	74					
MOLINE						
SITE 001	72		LD	LD	LD	
	73	LD	LD	LD		
	74	LD	LD	LD	LD	
NORTH CHICAGO						
SITE 002	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73	LD	LD	LD		
	74	LD				
PEORIA						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73	LD	LD	LD		
ROCKFORD						
SITE 001	70	LD	LD			
	71	LD		LD		
	72	LD	LD	LD		
	73		LD			
	74				LD	
ROCK ISLAND						

LOCATION	YR.	1ST. QTR.	2ND. QTR.	3RD. QTR.	4TH. QTR.	YR. AVG.
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD		
	73		LD	LD		
	74		.010	LD	.008	
SPRINGFIELD						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73	LD	LD	LD		
	74	LD	LD	LD	LD	
MONTANA						
EAST CHICAGO						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	74	LD	LD	LD	LD	
EVANSVILLE						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73	LD	LD	LD		
	74	LD	LD	LD	LD	
FORT WAYNE						
SITE 001	70	LD	LD	LD	LD	
FORT WAYNE						
SITE 002	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73	LD	LD	LD		
GARY						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD		LD	
	72	LD	LD	LD	LD	
	73	LD	LD	LD		
	74	LD	LD	LD	LD	
HAMMOND						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
HAMMOND						
SITE 002	72	LD	LD	LD	LD	
	73	LD	LD	LD		
	74	LD	LD	LD	LD	
INDIANAPOLIS						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD		
	73		LD	LD		
	74		LD	LD		
MUNCIE						
SITE 001	70	LD	LD			
	71			LD	LD	
	72	LD				
NEW ALBANY						
SITE 002	70	LD	LD	LD	LD	
	71	LD				
	72		LD	LD	LD	
	73	LD	LD	LD		
	74		LD			
SOUTH BEND						
SITE 002	70	LD	LD	LD	LD	
	71	LD	LD	LD		
	72		LD	LD	LD	
	73	LD	LD	LD		
	74	LD	LD	LD	LD	
TERRE HAUTE						
SITE 001	70	LD	LD	LD	LD	
	71	LD		LD		
	72	LD	LD	LD	LD	
	73	LD	LD			
	74		LD	LD	LD	

POLLUTANT : 12117 - COBALT
METHOD : NI-VOL EMISSION SPECTRA (LOW TEMP ASH)
UNITS : UG/CU METER (25 C)
DATA TYPE : QUARTERLY COMPOSITE
PROJ. CLASSIFICATION : URBAN
ANALYTICAL QUALITY : 101+-159.10?

LOWER DETERMINATION LEVEL (LDL)
70 - .0007
71 - .0007
72 - .0005
73 - .0009
74 - .0006

LOCATION	YR.	1ST. QTR.	2ND. QTR.	3RD. QTR.	4TH. QTR.	YR. AVG.
IOWA						
CEDAR RAPIDS						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73	LD	LD	LD	LD	
	74	LD	LD	LD	LD	
DAVENPORT						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73	LD	LD	LD	LD	
	74	LD	LD	LD	LD	
DES MOINES						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73	LD	LD	LD	LD	
	74	LD	LD	LD	LD	
DUBUQUE						
SITE 001	70	LD	LD			
DUBUQUE						
SITE 002	71		LD			
	72	LD	LD	LD	LD	
	73	LD	LD	LD	LD	
	74	LD	LD	LD	LD	
DUBUQUE						
SITE 008	74	LD	LD	LD	LD	
WATERLOO						
SITE 001	71		LD	LD	LD	
WATERLOO						
SITE 004	72	LD	LD			
	73		LD	LD	LD	
	74	LD	LD	LD	LD	
KANSAS						
KANSAS CITY						
SITE 002	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73	LD	LD	LD	LD	
	74	LD	LD	LD	LD	
KANSAS CITY						
SITE 012	74		LD	LD	LD	
TOPEKA						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73		LD	LD	LD	
	74	LD	LD	LD	LD	
WICHITA						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD		
	73	LD	LD	LD	LD	
	74	LD	LD	LD	LD	
KENTUCKY						
ASHLAND						
SITE 002	70	LD	LD	LD	LD	
	71	LD	LD	LD		
	72	LD	LD	LD	LD	
	73	LD	LD		LD	
	74	LD	LD	LD	LD	
BOWLING GREEN						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	

LOCATION	YR.	1ST. QTR.	2ND. QTR.	3RD. QTR.	4TH. QTR.	YR. AVG.
	73	LD	LD	LD	LD	
	74	LD	LD	LD	LD	
COVINGTON						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73	LD	LD	LD		
	74	LD	LD	LD	LD	
LEXINGTON						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73	LD	LD			
	74				LD	
LOUISVILLE						
SITE 002	73	LD	LD			
	74			LD	LD	
LOUISVILLE						
SITE 003	70		LD	LD	LD	
	71	LD	LD	LD	LD	
LOUISIANA						
BATON ROUGE						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73	LD	LD	LD		
	74	LD	LD	LD	LD	
NEW ORLEANS						
SITE 002	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73	LD	LD	LD		
	74	LD	LD	LD	LD	
SHREVEPORT						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73		LD	LD	LD	
	74	LD	LD	LD	LD	
MAINE						
PORTLAND						
SITE 002	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD			
	73		LD			
	74	LD	LD	LD		
MARYLAND						
BALTIMORE						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD		LD	
	72	LD	LD	LD	LD	
	73	LD	LD	LD	LD	
	74	LD	LD	LD	LD	
MASSACHUSETTS						
BOSTON						
SITE 001	70	LD		LD	LD	
	71		LD			
	72	LD	LD	LD		
	73				LD	
	74			LD	LD	
CAMBRIDGE						
SITE 001	70		LD		LD	
	71	LD	LD	LD	LD	
	72		LD			
	73			LD	LD	
	74		LD	LD		

POLLUTANT : 12113 - LEAD
METHOD : HI-VOL EMISSION SPECTRA (FLOW TEMP ASH)
UNITS : UG/CU METER (25 C)
DATA TYPE : QUARTERLY COMPOSITE
PROJ. CLASSIFICATION : URBAN
ANALYTICAL QUALITY : 1970-1974.TOT

LOWER DISCRIMINATION LEVEL (LDL)
70 - .0007
71 - .0007
72 - .0005
73 - .0008
74 - .0006

LOCATION	YR.	1ST. QTR.	2ND. QTR.	3RD. QTR.	4TH. QTR.	YR. AVG.
MASSACHUSETTS						
FALL RIVER						
SITE 002	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72			LD	LD	
	74		LD	LD		
NEW BEDFORD						
SITE 001	70		LD			
	72		LD			
	73			LD	LD	
	74		LD	LD		
SPRINGFIELD						
SITE 002	70	LD	LD	LD	LD	
	71	LD	LD			
	72		LD	LD	LD	
	73	LD	LD			
	74		LD	LD		
WORCHESTER						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72		LD	LD	LD	
	73	LD	LD		LD	
	74		LD			
MICHIGAN						
DEARBORN						
SITE 001	70	LD	LD	LD		
	71		LD	LD		
	73	LD	LD	LD		
	74	LD	LD	LD	LD	
DETROIT						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	74			LD	LD	
FLINT						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD		
	73	LD	LD	LD		
	74				LD	
GRAND RAPIDS						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73	LD	LD	LD		
LANSING						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72		LD	LD	LD	
	73	LD	LD	LD		
	74	LD	LD	LD		
SAGINAW						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD		
	73	LD	LD	LD	LD	
	74	LD	LD	LD	LD	
TRENTON						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73	LD	LD	LD		
	74		LD	LD		
MINNESOTA						
DULUTH						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD		

LOCATION	YR.	1ST. QTR.	2ND. QTR.	3RD. QTR.	4TH. QTR.	YR. AVG.
	73	LD	LD	LD		
	74	LD	LD	LD	LD	
MINNEAPOLIS						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD		LD	LD	
	73	LD		LD		
	74			LD		
MOORHEAD						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD		
	72	LD		LD		
	73	LD				
ST PAUL						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD		
	72	LD	LD	LD	LD	
	73	LD	LD	LD		
	74	LD	LD	LD	LD	
MISSISSIPPI						
JACKSON						
SITE 002	70	LD	LD	LD		
	71	LD	LD			
	73	LD	LD	LD	LD	
	74	LD	LD	LD	LD	
MISSOURI						
KANSAS CITY						
SITE 002	70	LD	LD	LD	LD	
	71	LD	LD			
	73	LD	LD	LD	LD	
	74	LD	LD	LD		
ST LOUIS						
SITE 001	70	LD	LD		LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73				LD	
	74	LD	LD	LD	LD	
MONTANA						
HELENA						
SITE 001	70	LD	LD	LD		
	71	LD	LD	LD	LD	
	72		LD			
NEBRASKA						
LINCOLN						
SITE 002	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73	LD	LD	LD	LD	
	74	LD	LD	LD	LD	
OMAHA						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73	LD	LD	LD	LD	
	74	LD	LD	LD	LD	
NEVADA						
LAS VEGAS						
SITE 001	70	LD	LD	LD		
	71	LD	LD	LD		
	72	LD				
	74		LD		LD	
RENO						
SITE 001	70	LD	LD	LD		
	71	LD	LD	LD		
	72	LD	LD	LD	LD	
	73	LD	LD	LD	LD	
	74	LD	LD	LD	LD	

POLLUTANT : LEAD - TOTAL
METHOD : HI-VOL EMISSION SPECTRA FLOW TEMP ASMI
UNITS : UG/CU METER (25 C)
DATA TYPE : QUARTERLY COMPOSITE
PROJ. CLASSIFICATION : URBAN
ANALYTICAL QUALITY : 10/--/58.309

LOWER DISCRIMINATION LEVEL (LDL)
70 - .0007
71 - .0007
72 - .0005
73 - .0009
74 - .0006

LOCATION	YR.	1ST. QTR.	2ND. QTR.	3RD. QTR.	4TH. QTR.	YR. AVG.
NEW HAMPSHIRE						
CONCORD						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73	LD	LD	LD		
	74	LD	LD	LD		
NEW JERSEY						
BAYONNE						
SITE 001	70	LD	LD	LD		
	72		LD	LD	LD	
	74		LD	LD	LD	
BURLINGTON CO						
SITE 002	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
CAMDEN						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD			
	73		LD	LD		
	73			LD	LD	
	74	LD	LD			
CAMDEN CO						
SITE 002	73		LD	LD		
ELIZABETH						
SITE 002	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD		
	73			LD	LD	
	74	LD	LD	LD	LD	
GLASSBORO						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD		
	72	LD	LD	LD	LD	
	73			LD		
	74	LD	LD	LD	LD	
HAMILTON						
SITE 001	70		LD	LD	LD	
	71	LD	LD			
JERSEY CITY						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73		LD	LD		
	74		LD		LD	
NEWARK						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD		
	72	LD	LD	LD	LD	
	73			LD	LD	
	74	LD	LD	.009	LD	
PATERSON						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD			
	72				LD	
	73			LD	LD	
	74	LD	LD		LD	
PERTH AMBOY						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73		LD	LD		
TRENTON						
SITE 001	70	LD	LD	LD	LD	
	71		LD	LD		
	72	LD	LD	LD	LD	
	73		LD	LD	LD	
	74	LD	LD	LD	LD	

LOCATION	YR.	1ST. QTR.	2ND. QTR.	3RD. QTR.	4TH. QTR.	YR. AVG.
NEW MEXICO						
ALBUQUERQUE						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73	LD	LD	LD		
	74	LD	LD	LD	LD	
NEW YORK						
ALBANY						
SITE 001	70	LD	LD	LD		
	71	LD	LD	LD		
	72	LD	LD	LD	LD	
	73				LD	
	74	LD	LD	LD	LD	
BUFFALO						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73		LD	LD	LD	
	74	LD	LD	LD	LD	
NEW YORK CITY						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD		LD	
	72	LD	LD	LD	LD	
	73		LD	LD	LD	
	74	LD	LD	LD	LD	
NIAGARA FALLS						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73			LD	LD	
	74	LD	LD	LD	LD	
ROCHESTER						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73		LD	LD	LD	
	74	LD	LD	LD	LD	
SYRACUSE						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73		LD	LD	LD	
	74	LD	LD	LD	LD	
UTICA						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73				LD	
	74			LD	LD	
YONKERS						
SITE 001	70	LD	LD	LD	LD	
	71	LD		LD	LD	
	72	LD	LD	LD		
	74			LD	LD	
NORTH CAROLINA						
CHARLOTTE						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD			
	72	LD	LD	LD	LD	
	73	LD	LD	LD	LD	
	74	LD	LD	LD	LD	
DURHAM						
SITE 001	70	LD	LD	LD	LD	
	71		LD	LD	LD	
	72	LD	LD	LD	LD	
	73	LD	LD	LD	LD	
	74	LD	LD	LD	LD	

POLLUTANT : 17313 - BORON
METHOD : HI-VOL EMISSION SPECTRA (ICP) 7TMD 67M3
UNITS : UG/CU METER (25 C)
DATA TYPE - QUARTERLY COMPOSITE
PROJ. CLASSIFICATION : URBAN
ANALYTICAL QUALITY : 1811--1FB,TDT

LOWER DISCRIMINATION LEVEL (LDL)
70 - .0007
71 - .0007
72 - .0005
73 - .0008
74 - .0005

LOCATION	YR.	1ST. QTR.	2ND. QTR.	3RD. QTR.	4TH. QTR.	YR. AVG.
NORTH CAROLINA						
GREENSBORO						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73	LD	LD	LD	LD	
	74	LD	LD	LD	LD	
WINSTON-SALEM						
SITE 002	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73	LD	LD	LD	LD	
	74	LD	LD	LD	LD	
NORTH DAKOTA						
BISMARCK						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73	LD	LD	LD	LD	
OHIO						
AKRON						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD		
	73	LD	LD	LD		
	74		LD	LD		
CANTON						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD		LD	LD	
	73	LD	LD	LD		
	74		LD	LD	LD	
CINCINNATI						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	74		LD		LD	
CLEVELAND						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD			
	72	LD	LD		LD	
	74				LD	
COLUMBUS						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73	LD				
	74				LD	
DAYTON						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73	LD	LD	LD		
	74	LD			LD	
IRONTON						
SITE 002	71	LD	LD	.033	.085	
	72	LD	LD	.014	LD	
	73	.015	LD	.027		
	74		.010			
PORTSMOUTH						
SITE 002	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73	LD	LD	LD		
	74		LD			
STEUBENVILLE						
SITE 001	71	LD	LD	LD	LD	
	72	LD				
	73	LD	LD	LD		
	74			LD		

LOCATION	YR.	1ST. QTR.	2ND. QTR.	3RD. QTR.	4TH. QTR.	YR. AVG.
TOLEDO						
SITE 001	70	LD	LD	LD		
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	74		LD	LD	LD	
YOUNGSTOWN						
SITE 002	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73			LD		
	74	LD	LD		LD	
OKLAHOMA						
OKLAHOMA CITY						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD			
OKLAHOMA CITY						
SITE 015	72	LD	LD	LD	LD	
	73	LD	LD			
	74	LD	LD	LD	LD	
OKLAHOMA CITY						
SITE 029	73	LD	LD	LD		
	74	LD	LD	LD	LD	
TULSA						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD		
	73	LD	LD	LD	LD	
	74	LD	LD	LD	LD	
OREGON						
EUGENE						
SITE 001	70	LD	LD	LD		
MEDFORD						
SITE 001	70	LD	LD	LD		
	71	LD	LD			
PORTLAND						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD		LD	
	72	LD	LD	LD	LD	
	73	LD			LD	
	74	LD	LD			
PENNSYLVANIA						
ALLENTOWN						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73	LD	LD	LD	LD	
	74	LD	LD	LD	LD	
ALTOONA						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73	LD	LD	LD	LD	
	74		LD	LD	LD	
BETHLEHEM						
SITE 002	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73	LD	LD	LD	LD	
	74	LD	LD	LD		
CLEARFIELD CO						
SITE 001	73	LD	LD	LD		
ERIE						
SITE 002	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73	LD	LD	LD	LD	
	74		LD	LD	LD	

POLLUTANT : 17119 - POR&LY
METHOD : HI-VOL EMISSION SPECTRA FLOW TEMP ASHI
UNITS : UG/CU METER (25 C)
DATA TYPE : QUARTERLY COMPOSITE
PROJ. CLASSIFICATION : URBAN
ANALYTICAL QUALITY : 1&1--1&&.&&&

LOWER DISCRIMINATION LEVEL ALPI
70 - .0007
71 - .0007
72 - .0005
73 - .0008
74 - .0006

LOCATION	YR.	1ST. QTR.	2ND. QTR.	3RD. QTR.	4TH. QTR.	YR. AVG.
PENNSYLVANIA						
HARRISBURG						
CITY OF1	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73	LD	LD		LD	
	74		LD			
HAZLETON						
CITY OF1	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73	LD	LD	LD	LD	
	74	LD	LD	LD	LD	
JOHNSTOWN						
CITY OF1	70	LD	LD	LD	.007	
	71	LD	LD			
LANCASTER CITY						
CITY OF1	70	LD	LD			
	71			LD	LD	
LANCASTER CITY						
CITY OF2	70			LD		
	73		LD	LD	LD	
	74	LD	LD	LD		
PHILADELPHIA						
CITY OF1	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
PHILADELPHIA						
CITY OF2	72	LD	LD	LD	LD	
	73	LD				
	74	LD	LD	LD	LD	
PITTSBURGH						
CITY OF1	70	LD	LD	LD	LD	
	71	LD	LD		LD	
	74	LD	LD	LD	LD	
READING						
CITY OF1	70	.010	LD	LD	LD	
	71	LD	LD	LD		
	72	LD	LD	LD	.010	
	73	LD	LD	.010		
SCRANTON						
CITY OF1	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73	LD	LD	LD	LD	
	74	LD	LD	LD	LD	
WARMINSTER						
CITY OF1	70	LD	LD	LD	LD	
	71	LD	LD			
	74		LD	LD		
WEST CHESTER						
CITY OF1	70	LD	LD	LD		
	71	LD				
	73	LD	LD	LD		
WILKES-BARRE						
CITY OF1	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73	LD	LD	LD	LD	
	74	LD	LD	LD	LD	
YORK						
CITY OF1	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	73	LD	LD	LD	LD	
	73	LD	LD	LD	LD	
	74	LD				

LOCATION	YR.	1ST. QTR.	2ND. QTR.	3RD. QTR.	4TH. QTR.	YR. AVG.
PUERTO RICO						
GUAYAMA						
CITY OF2	70	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73			LD		
	74	LD	LD	LD		
CATANO						
CITY OF2	70	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73		LD	LD	LD	
	74		LD	LD		
GUAYANILLA						
CITY OF2	70	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73		LD	LD	LD	
	74	LD	.013			
PONCE						
CITY OF2	70	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73		LD	LD	LD	
	74	LD	LD	LD		
SAN JUAN						
CITY OF1	70	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73		LD	LD	LD	
	74	LD	LD	LD		
VIRGIN ISLANDS						
EAST END/FRENCH						
CITY OF1	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	.013	LD	LD	
	73	LD	LD	LD	LD	
	74			LD		
FREDERICK						
CITY OF1	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73	LD	LD		LD	
	74	LD		LD	LD	
SOUTH CAROLINA						
COLUMBIA						
CITY OF1	70	LD	LD	LD		
	71	LD				
	72	LD	LD	LD	LD	
	73	LD	LD	LD	LD	
	74			LD	LD	
GREENVILLE						
CITY OF1	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73	LD	LD	LD	LD	
	74	LD	LD	LD	LD	
SOUTH DAKOTA						
SIOUX FALLS						
CITY OF1	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD		
	73	LD	LD	LD		
TENNESSEE						
CHATTANOOGA						
CITY OF1	70	LD	LD	LD	LD	
	71	LD	LD	LD		
	72	LD	LD	LD	LD	
	73	LD	LD			
	74			LD		
KNOXVILLE						
CITY OF1	70	LD	LD	LD		

POLLUTANT : 12113 - COBALT
METHOD : HI-VOL EMISSION SPECTRA (LOW TEMP ASH)
UNITS : NG/CU METER (25 C)
DATA TYPE : QUARTERLY COMPOSITE
PROJ. CLASSIFICATION : URBAN
ANALYTICAL QUALITY : 1A(+-)58.3%

LOWER DISCRIMINATION LEVEL (LD)
70 - .0007
71 - .0007
72 - .0005
73 - .0008
74 - .0006

LOCATION	YR.	1ST. QTR.	2ND. QTR.	3RD. QTR.	4TH. QTR.	YR. AVG.
*TENNESSEE						
KNOXVILLE						
SITE 002	71	LD	LD	LD	LD	
	72	LD	.003	LD	LD	
	74		LD	LD	LD	
MEMPHIS						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73	LD	LD	LD	LD	
	74	LD	LD	LD	LD	
NASHVILLE						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD			
	72	LD	LD		LD	
	73	LD	.010	LD	LD	
	74	LD	LD	.006		
*TEXAS						
AMARILLO						
SITE 002	71	LD				
	74		LD			
AUSTIN						
SITE 002	70			LD	LD	
	71	LD	LD	LD	LD	
	74	LD	LD			
BEAUMONT						
SITE 001	70			LD	LD	
	71	LD	LD			
	74		LD			
CORPUS CHRISTI						
SITE 001	70			LD	LD	
	71	LD		LD		
	74		LD	LD		
DALLAS						
SITE 002	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73	LD	LD		LD	
	74	LD	LD	LD	LD	
EL PASO						
SITE 002	70	LD	LD	LD	LD	
	71	LD	LD	LD		
	72	LD	LD	LD	LD	
	73	LD	LD	LD	LD	
	74	LD	LD	LD	LD	
FORT WORTH						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73	LD	LD	LD	LD	
	74	LD	LD	LD	LD	
HOUSTON						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73	LD	LD	LD	LD	
	74	LD	LD	LD	LD	
LUBBOCK						
SITE 001	70			LD	LD	
	71	LD	LD	LD		
	74		LD			
PASADENA						
SITE 002	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73	LD	LD	LD	LD	
	74	LD	LD			
SAN ANTONIO						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73	LD		LD	LD	
	74	LD	LD	LD	LD	
WICHITA FALLS						
SITE 001	70			LD		
	71	LD	LD	LD		
WICHITA FALLS						
SITE 002	74	LD		LD		
*UTAH						
OGDEN						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	73	LD	LD	LD	LD	
	73	LD	LD	LD	LD	
SALT LAKE CITY						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD		LD	
	73	LD	LD	LD	LD	
*VERMONT						
BURLINGTON						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD		
	72	LD	LD			
	74	LD	LD	LD	LD	
*VIRGINIA						
DANVILLE						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD		
	73	LD	LD	LD	LD	
	73	LD	LD			
	74	LD	LD			
FAIRFAX CO						
SITE 001	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73	LD	LD	LD		
HAMPTON						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73	LD	LD	LD	LD	
	74	LD	LD	LD	LD	
LYNCHBURG						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73	LD	LD			
	74			LD	LD	
NEWPORT NEWS						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD		
	73	LD	LD	LD	LD	
	74		LD			
NORFOLK						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73	LD	LD	LD	LD	
	74	LD	LD	LD	LD	
PORTSMOUTH						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD		LD	
	72	LD	LD	LD	LD	
	73	LD	LD	LD	LD	
	74		LD		LD	

POLLUTANT : 12113 - COBALT
METHOD : HI-VOL EMISSION SPECTRA (LOW TEMP ASH)
UNITS : UG/CU METER (25 C)
DATA TYPE : QUARTERLY COMPOSITE
PROJ. CLASSIFICATION : URBAN
ANALYTICAL QUALITY : 1974-1ER.301

LOWER DISCRIMINATION LEVEL (LDL)
70 - .0007
71 - .0007
72 - .0005
73 - .0008
74 - .0006

LOCATION	YR.	1ST. QTR.	2ND. QTR.	3RD. QTR.	4TH. QTR.	YR. AVG.
VIRGINIA						
RICHMOND						
SITE 002	70	LD	LD	LD	LD	
	71				LD	
	72	LD	LD			
	74	LD	LD	LD	LD	
ROANOKE						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD		
	73	LD		LD	LD	
	74	LD	LD	LD		
WASHINGTON						
SEATTLE						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD		
	73	LD	LD	LD	LD	
	74	LD	LD			
SPOKANE						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73	LD	LD	LD		
	74	LD	LD			
TACOMA						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73	LD	LD	LD	LD	
	74	LD				
WEST VIRGINIA						
CHARLESTON						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	74	LD	LD	LD	LD	
HUNTINGTON						
SITE 001	71		LD	LD	LD	
HUNTINGTON						
SITE 005	72	LD		LD	LD	
	73	LD		LD	LD	
	74	LD				
SOUTH CHARLESTON						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	73	LD			LD	
	74	LD	LD	LD		

LOCATION	YR.	1ST. QTR.	2ND. QTR.	3RD. QTR.	4TH. QTR.	YR. AVG.
	74	LD	LD	LD	LD	
WISCONSIN						
EAU CLAIRE						
SITE 002	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73	LD	LD	LD		
	74	LD				
KENOSHA						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	73	LD	LD	LD	LD	
	74	LD			LD	
MADISON						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73	LD	LD	LD		
	74	LD	LD	LD	LD	
MILWAUKEE						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73	LD	LD	LD		
	74			LD	LD	
RACINE						
SITE 001	70	LD	LD	LD	LD	
	71		LD	LD	LD	
	72	LD	LD	LD	LD	
	73	LD	LD	LD		
	74	LD	LD	LD	LD	
SUPERIOR						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD			
	72	LD	LD			
	73		LD		LD	
	74		LD			
WYOMING						
CASPER						
SITE 001	70	LD	LD	LD	LD	
	72		LD	LD	LD	
	73	LD	LD	LD	LD	
CHEYENNE						
SITE 001	70	LD	LD	LD	LD	
	72		LD	LD	LD	
	73	LD				

POLLUTANT : 19117 - COBALT
METHOD : HI-VOL EMISSION SPECTRA (LOW TEMP ASH)
UNITS : NG/CU METER (25 C)
DATA TYPE : QUARTERLY COMPOSITE
PROJ. CLASSIFICATION : NON-URBAN
ANALYTICAL QUALITY : 1814-150.309

LOWER DISCRIMINATION LEVEL (LDL)
70 - .0007
71 - .0007
72 - .0005
73 - .0008
74 - .0006

LOCATION	YR.	1ST. QTR.	2ND. QTR.	3RD. QTR.	4TH. QTR.	YR. AVG.
ARIZONA						
GRAND CANYON NAT						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD		
	72				LD	
	73	LD	LD		LD	
	74	LD	LD	LD	LD	
MARICOPA CO						
SITE 005	72	LD		LD	LD	
	74	LD	LD			
ARKANSAS						
MONTGOMERY CO						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD		
	72	LD		LD	LD	
	73	LD	LD	LD		
	74	LD	LD	LD	LD	
CALIFORNIA						
HUMBOLDT CO						
SITE 001	70	LD	LD	LD	LD	
	71	LD				
COLORADO						
MESA VERDE NAT PA						
SITE 002	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72		LD	LD	LD	
	73	LD	LD	LD	LD	
DELAWARE						
KENT CO						
SITE 001	70	LD	LD	LD		
	71	LD			LD	
	72			LD	LD	
	73			LD		
FLORIDA						
HARDEE CO						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73				LD	
	74	LD	LD			
HAWAII						
HAWAII CO						
SITE 001	72	LD	LD	LD	LD	
	73	LD		LD	LD	
	74	LD	LD		LD	
HAWAII CO						
SITE 002	72	LD	LD	LD	LD	
	73	LD	LD		LD	
	74	LD			LD	
HAWAII VOLCANOES						
SITE 001	72	LD	LD	LD	LD	
	73	LD	LD		LD	
	74		LD	LD		
IDAHO						
BUTTE CO						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73	LD	LD	LD	LD	
	74	LD	LD	LD		
INDIANA						
MORGAN CO						
SITE 004	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73	LD	LD			
	74		LD	LD		

LOCATION	YR.	1ST. QTR.	2ND. QTR.	3RD. QTR.	4TH. QTR.	YR. AVG.
PARKE CO						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD		
	74		LD			
LOUISIANA						
TREMAYLLE PAR						
SITE 001	74	LD	LD	LD	LD	
MAINE						
ACADIA NAT PARK						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73		LD	LD	LD	
	74	LD	LD	LD		
MARYLAND						
CALVERT CO						
SITE 001	70	LD				
	72		LD	LD		
	73				LD	
	74			LD		
MISSISSIPPI						
JACKSON CO						
SITE 001	70	LD	LD	LD		
	71		LD	LD	LD	
	72	LD	LD	LD	LD	
	73	LD	LD			
	74	LD	LD	LD	LD	
MISSOURI						
SHANNON CO						
SITE 002	70	LD	LD	LD	LD	
	71	LD	LD	LD		
	72			LD	LD	
	73	LD	LD	LD	LD	
	74	LD	LD	LD		LD
MONTANA						
GLACIER NAT PARK						
SITE 001	70	LD	LD	LD		
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
NEBRASKA						
THOMAS CO						
SITE 001	70	LD	LD	LD	LD	
	71	LD			LD	
	72	LD		LD	LD	
	73	LD	LD	LD	LD	
	74	LD	LD			
NEVADA						
WHITE PINE CO						
SITE 001	70	LD	LD	LD	LD	
	71	LD			LD	
	72	LD	LD	LD	LD	
	73	LD	LD	LD	LD	
	74	LD	LD	LD	LD	
NEW HAMPSHIRE						
BELKNAP CO						
SITE 001	72	LD	LD	LD		
	73	LD		LD		
COOS CO						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD		
	72			LD	LD	
	73	LD	LD		LD	
	74	LD	LD	LD		
NEW MEXICO						
RIO ARRIBA CO						
SITE 001	70	LD				
	71		LD			
	72	LD	LD	LD	LD	

POLLUTANT : 12113 - COBALT
METHOD : HI-VOL - EMISSION SPECTRA (LOW TEMP ASH)
UNITS : UG/CU METER (25 C)
DATA TYPE : QUARTERLY COMPOSITE
PROJ. CLASSIFICATION : NON-URBAN
ANALYTICAL QUALITY : 1ST+-159.3%

LOWER DISCRIMINATION LEVEL (LD)
70 - .0007
71 - .0007
72 - .0005
73 - .0008
74 - .0006

LOCATION	YR.	1ST. QTR.	2ND. QTR.	3RD. QTR.	4TH. QTR.	YR. AVG.
NEW YORK						
JEFFERSON CO						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD		
	73			LD		
	74	LD	LD	LD		
NORTH CAROLINA						
CAPE HATTERAS NAT'S						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD		
	72	LD	LD			
	73	LD	LD			
OKLAHOMA						
CHEROKEE CO						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD		LD	
	72	LD	LD	LD	LD	
	73	LD	LD	LD	LD	
	74	LD	LD	LD		
OREGON						
CURRY CO						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD			
	72	LD	LD	LD	LD	
	73	LD	LD	LD		
	74	LD				
PENNSYLVANIA						
CLARION CO						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73	LD	LD	LD		
	74	LD	LD	LD		
INDIANA CO						
SITE 001	72	LD	LD			
INDIANA CO						
SITE 002	73				LD	
	74	LD			LD	
INDIANA CO						
SITE 003	73	LD	LD	LD	LD	
RHODE ISLAND						
WASHINGTON CO						
SITE 002	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD		
	73			LD	LD	
	74	LD				
SOUTH CAROLINA						
RICHLAND CO						
SITE 002	70	LD				
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73	LD	LD	LD	LD	
	74	LD	LD	LD		
SOUTH DAKOTA						
BLACK HILLS NAT F						
SITE 001	70	LD	LD	LD		
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
TENNESSEE						
CUMBERLAND CO						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD			
TEXAS						
MATAGORDA CO						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD		
	72	LD	LD	LD	LD	
	73	LD	LD	LD	LD	
	74	LD	LD	LD	LD	
TOM GREEN CO						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73	LD	LD	LD	LD	
	74	LD	LD	LD		
VERMONT						
ORANGE CO						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD		
	72	LD	LD	LD	LD	
	73		LD	LD	LD	
	74	LD	LD		LD	
VIRGINIA						
SHENANDOAH NAT PA						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD		
	72	LD	LD	LD	LD	
	74		LD	LD		
WYTHE CO						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD		
	72	LD	LD	LD	LD	
	73	LD	LD	LD	LD	
	74	LD			LD	
WASHINGTON						
KING CO						
SITE 002	70	LD	LD	LD	LD	
	71	LD	LD			
	72	LD	LD	LD	LD	
	73	LD	LD	LD	LD	
	74	LD	LD			
WISCONSIN						
DOOR CO						
SITE 001	70	LD	LD			
	72	LD	LD	LD	LD	
	73	LD			LD	
WYOMING						
GRAND TETON NAT P						
SITE 001	72			LD	LD	LD
	73	LD	LD	LD	LD	
YELLOWSTONE NAT P						
SITE 001	70	LD	LD	LD		
	72		LD	LD	LD	
	73	LD	LD	LD	LD	

POLLUTANT : 12114 - COPPER
METHOD : HI-VOL EMISSION SPECTRA (LOW TEMP ASH)
UNITS : UG/CU METER (25 C)
DATA TYPE : QUARTERLY COMPOSITE
PROJ. CLASSIFICATION : URBAN
ANALYTICAL QUALITY : 2R(+-)3R.541

LOWER DISCRIMINATION LEVEL (LD)
70 - .001
71 - .001
72 - .001
73 - .001
74 - .001

LOCATION	YR.	1ST. QTR.	2ND. QTR.	3RD. QTR.	4TH. QTR.	YR. AVG.
ALABAMA						
BIRMINGHAM						
SITE 003	70	.08		.11	.09	
	71	.05	.06		.05	
	72	.03	.04	.04	.04	.037
	73	.06	.09	.07	.06	.068
	74	.09	.07	.07	.15	.096
GADSDEN						
SITE 001	70	.03	.04	.05	.05	.046
	71	.07	.12	.08	.05	.081
	72	.07	.13	.11	.09	.089
	73	.09	.10	.15	.17	.117
	74	.07	.15	.25	.22	.171
HUNTSVILLE						
SITE 001	70	1.51	.60	.32	.35	.697
	71	.30	.84	.68	.65	.492
	72	.22	.41	.77	.33	.430
	73	.75	.95	.83		
	74		.29	.15		
MOBILE						
SITE 001	70	.02		.16	.14	
	71	.17	.19			
	72	.08	.07	.09	.05	.074
	73	.17	.18		.18	
	74		.18	.11	.13	
MONTGOMERY						
SITE 001	70	.05	.09	.09	.07	.078
	71	.05	.09	.10	.05	.076
	72	.03	.04	.05	.10	.055
	73	.05	.07		.05	
	74	.05	.07	.08	.14	.087
ALASKA						
ANCHORAGE						
SITE 003	70	.05	.13	.07	.05	.082
	71	.05	.09	.13	.05	.079
	72	.03	.05	.06	.03	.042
	73	.04	.05	.07	.05	.050
	74	.09		.10		
FAIRBANKS						
SITE 001	70	.67	.58	.80		
	71				.80	
	72	.29	.35	.39	.32	.436
	73			.25	.38	
	74			.18		
ARIZONA						
DOUGLAS						
SITE 001	71	1.36	1.30			
	72	.80	.71	.33	.44	.455
	73			.34	.33	
	74	.44	.62	.18		
MARICOPA CO						
SITE 001	70	.05	.04	.08	.12	.071
	71	.10	.08		.19	
PHOENIX						
SITE 002	70	.07		.07	.10	
	71	.05	.07	.13	.10	.110
	72	.14	.15	.13	.20	.158
	73	.15	.22	.23	.25	.217
	74	.25	.33	.36	.51	.366
TUCSON						
SITE 001	70	.47	.37	.26	.52	.428
	71	.47	.48	.31	.28	.377
	72	.35	1.20	.08	.10	.456
	73	.04	.15	.21	.15	.120
	74	.25	.33	.26	.24	.566
ARKANSAS						
LITTLE ROCK						
SITE 003	70	.03	.04	.20	.04	.078
	71	.04		.04	.05	

LOCATION	YR.	1ST. QTR.	2ND. QTR.	3RD. QTR.	4TH. QTR.	YR. AVG.
	72		.03	.03		
	73	.02				
	74	.05	.07	.11	.20	.107
TEXARKANA						
SITE 001	70	.06		.30	.05	
	71	.05	.07			
	72			.17		
	73		.01			
	74				.06	
WEST MEMPHIS						
SITE 001	70	.09	.07	.08	.08	.081
	71	.04	.06	.01	.05	.035
	72	.02	.02	LD		
	73		.03	.05	.09	
	74	.07	.09	.09	.01	.064
CALIFORNIA						
ANAHEIM						
SITE 001	70	.08	.13	.27	.15	.155
	71	.07	.06	.08	.06	.066
	72	.06	.10	.20	.16	.771
	73	.07	.06	.04		
	74	.06	.06	.05	.11	.072
BERKELEY						
SITE 001	70	.43	.37	.26		
	71			.13	.12	
	72	.15	.12	.13	.08	.117
	73	.19	.13	.10	.11	.117
	74	.26	.22	.30	.27	.285
BURBANK						
SITE 002	70	.06	.12	.16	.12	.114
	71	.17	.30	.20	.22	.222
	72	.20	.46	.07	.13	.717
	73	.26	.48	.52	.31	.797
	74	.56	.46	LD	.36	.471
FRESNO						
SITE 002	70	.04	.05	.13	.15	.093
	71	.05	.09			
	72	.09	.05	.06	.29	.122
	73	.09	.08	.06	.12	.087
	74	.07	.05	.29	.31	.180
GLENDALE						
SITE 001	70	.05	.06	.09	.09	.072
	71	.07	.09	.06	.08	.062
	72	.19	.08	.07	.05	.100
	73	.08	.03	.10	.34	.137
	74	.10	.06			
LONG BEACH						
SITE 001	70	.07	.06	.11	.07	.081
	71	.05	.07	.07	.05	.061
	72	.05	.05	.08	.05	.059
	73	.19	.19			
	74	.20	.14	.10	.09	.130
LOS ANGELES						
SITE 001	70	.13	.06	.07	.08	.083
	71	.06	.05	.06	.07	.060
	72	.03	.03	.04	.05	.039
	73	.05	.05	.07		
	74	.04	.07	.10	.08	.070
OAKLAND						
SITE 001	70	.12	.12	.14	.11	.124
	71	.13	.08	.08	.08	.092
	72	.04	.04	.10	.09	.068
	73	.13	.13	.14		
	74	.07	.10	.10	.10	.093
ONTARIO						
SITE 001	70	.12	.15	.30	.18	.185
	71	.09	.12	.13	.10	.109
	72	.07	.06	.07	.26	.119
	73	.34	.05			
	74	.07	.23			

POLLUTANT : 17114 - COPPER
METHOD : HI-VOL EMISSION SPECTRA (LOW TEMP ASH)
UNITS : UG/CU METER (25 C)
DATA TYPE : QUARTERLY COMPOSITE
PROJ. CLASSIFICATION : URBAN
ANALYTICAL QUALITY : 2S(+-)38.5%.

LOWER DISCRIMINATION LEVEL (LD)
70 - .001
71 - .001
72 - .001
73 - .001
74 - .001

LOCATION	YR.	1ST. QTR.	2ND. QTR.	3RD. QTR.	4TH. QTR.	YR. AVG.
CALIFORNIA						
PASADENA						
SITE 001	71	.37	.18	.11	.11	.195
PASADENA						
SITE 002	70	.07	.10	.35	.05	.141
	72		.13	.15	.17	
	73	.31	.33	.00		
	74	.22	.48	.71	.57	.486
RIVERSIDE						
SITE 001	70	.19	.20	.11	.49	.246
	71	.66			.49	
	72	.37	1.03	.15		
SACRAMENTO						
SITE 001	70	.06	.11	.08	.15	.100
	71	.19	.22	.16	.11	.166
	72	.09	.09	.10	.05	.080
	73	.09	.09	.14	.15	.116
	74	.16	.15	.20	.23	.187
SAN BERNARDINO						
SITE 001	70	.05	.07	.12	.19	.103
	71	.08	.07	.12	.11	.087
	72	.07	.08	.09	.09	.087
	73	.05	.21	.23		
	74	.09	.07	.32	.27	.210
SAN DIEGO						
SITE 001	70	.23	.11	.19	.25	.195
	71	.24	.08	.23		
	72	.24	.10	.11	.11	.139
	73	.08	.07	.06	.06	.067
	74	.07	.17	.16	.37	.187
SAN FRANCISCO						
SITE 001	70	.04	.05	.04	.04	.044
	71	.05	.04	.04	.04	.044
	72	.07	.06	.06	.05	.059
	73	.04	.04	.03	.05	.042
	74	.07	.02	.05	.03	.044
SAN JOSE						
SITE 002	70	.07	.06			
SAN JOSE						
SITE 003	70			.05	.04	
	71	.07	.04	.06		
SAN JOSE						
SITE 004	73	.04	.05	.05		
	73		.15	.28	.19	
	74	.11	.35	.32	.17	.224
SANTA ANA						
SITE 001	70	.90	.44	.79	.41	.655
	71	.77	.59	1.26	1.56	1.037
	72	1.49	.96	.75	.96	1.012
	73	.52	.73	.32	.34	.478
	74	.27	.23	.27	.09	.202
TORRANCE						
SITE 001	70	.17	.34	.15	.17	.185
	71	.14	.09	.07		
	72	.18	.17		.16	
	73	.10		.29	.26	
	74	.24	.18	.14	.11	.168
COLORADO						
DENVER						
SITE 001	70	.14	.16	.14	.22	.165
	71	.38	.17	.07	.28	.224
	72	.20	.16		.29	
	73	.29				
CONNECTICUT						
BRIDGEPORT						
SITE 001	70	.19	.12	.12	.15	.146
	71	.10	.15	.14	.34	.187
	72	.20	.10	.50	.09	.224
	73	.08	.19	.49	.32	.270
	74	.16	.19	.42	.32	.310
HARTFORD						
SITE 001	70	.07	.26	.17	.09	.188
	71	.11	.07	.05	.09	.078
	72	.12		.13	.13	
	73	.16				
	74	.55	1.01	.41	.29	.552
NEW HAVEN						
SITE 001	70	.13	.12	.17	.17	.141
	71	.09	.16	.19	.30	.184
	72	.12				
	74	.11	.16	.12	.05	.111
WATERBURY						
SITE 001	70	.50	.55	.59	1.45	.771
	71	.80	.21	.23	.59	.457
	72	.23	.20	.30	.15	.222
	73	.35	.38	.23	.15	.269
	74	.29	.43	.21	.19	.268
DELAWARE						
NEWARK						
SITE 001	70	.07	.12	.08	.09	.090
	71	.10	.05	.06	.12	.084
	72	.12	.08	.19		
	73	.16	.13	.12	.07	.121
	74	.17		.21		
WILMINGTON						
SITE 002	70	.08	.19	.17		
	71	.14			.11	
	72	.05	.10	.14	.12	.101
	73	.06			.15	
	74	.57			.19	
DISTRICT OF COLUMBIA						
WASHINGTON						
SITE 001	70	.08	.29		1.00	
	71	.29	.35	.73	.26	.419
	72	.15	.19		.09	
	74	.90				
FLORIDA						
JACKSONVILLE						
SITE 002	70	.31			1.47	
	71	1.41		1.55	1.29	
	72	.58	.78			
	73	10	1.45			
	74				.07	
MIAMI						
SITE 002	70	.05	.02	.07	.04	.038
	71	.04	.05	.03	.06	.040
	72	.08	.07	.10	.06	.079
	73	.11	.09	.10		
	74	.07	.10	.08	.28	.132
ST PETERSBURG						
SITE 002	70	.06	.11	.17	.12	.115
	71	.09	.10	.24	.05	.119
	72	.07	.04	.05	.06	.048
	73	.06		.04		
	74			.05	.09	
TAMPA						
SITE 002	70	.09	.06	.10	.07	.081
	71	.07	.06	.14		
	72	.04	.11	.15	.03	.087
	73	.05			.06	
	74		.09	.28	.07	
GEORGIA						
ATLANTA						
SITE 001	70	.05	.08	.06	.10	.061
	71	.15	.08	.05	.06	.078
	72	.04	.08	.11	.07	.077
	73	.11	.08	.14	.14	.117
	74	.05	.10	.24	.10	.123

POLLUTANT : 17114 - COPPER
METHOD : HI-VOL EMISSION SPECTRA (LOW TEMP ASH)
UNITS : UG/CU METER (25 C)
DATA TYPE : QUARTERLY COMPOSITE
PROJ. CLASSIFICATION : URBAN
ANALYTICAL QUALITY : 2&(+-13%,50%

LOCATION	YR.	1ST. QTR.	2ND. QTR.	3RD. QTR.	4TH. QTR.	YR. AVG.
GEORGIA						
COLUMBUS						
SITE 001	70	.26	.22	.23	.18	.221
	71	.27	.27	.45	.49	.351
	72	.32	.36	.28	.16	.283
	73	.28	.32	.44	.20	.309
	74		.21	.35	.13	
SAVANNAH						
SITE 001	70	.36	.23	.28	.22	.277
	71	.29	.38	.72	.75	.507
	72		.28		.27	
	73	.26	.52	.38		
HAWAII						
HONOLULU						
SITE 001	70	.07	.07	.09	.12	.087
	71	.09	.05	.06	.10	.077
	72		.08	.10	.03	
	73	.08	.05	.06	.02	.042
	74	.06	.06	.09	.07	.078
IDAHO						
BOISE CITY						
SITE 001	71	.27	.24	.27	.37	.286
	72	.21	.19	.24	.43	.265
	73	.19	.21	.26	.30	.239
	74	.38	.18			
ILLINOIS						
CHICAGO						
SITE 001	70	LD	LD	LD	LD	
	71	.24	.21	.19	.24	.218
	72	.15	.14	.13	.09	.126
	73			.25		
	74				.10	
EAST ST LOUIS						
SITE 001	70	.29				
	71	.09	.21	.12	.09	.126
	72	.08	.08	.08	.10	.092
	73	.15		.14		
	74			.27		
EAST ST LOUIS						
SITE 004	70			.15		
JOLIET						
SITE 001	70	.11	.08	.14		
	71	.10	.20	.40		
	72	.07	.12	.36	.14	.172
	73	.09	.19	.13		
MOLINE						
SITE 001	72		.08	.10	.05	
	73	.11	.10	.05		
	74	.06	.07	.08	.06	.066
NORTH CHICAGO						
SITE 002	70	.09	.16	.12	.23	.149
	71	.17	.13	.21	.11	.146
	72	.06	.05	.13	.15	.099
	73	.12	.07	.09		
	74	.08				
PEORIA						
SITE 001	70	.20	.18	.18	.37	.234
	71	.27	.15	.32	.14	.219
	72	.10	.14	.22	.23	.176
	73	.12	.21	.21		
ROCKFORD						
SITE 001	70	.02	.06			
	71	.05		.06		
	72	.05	.06	.05		
	73		.02			
	74				.06	
ROCK ISLAND						
SITE 001	70	.08	.12	.69	.01	.314

LOWER DISCRIMINATION LEVEL (LD)
70 - .001
71 - .001
72 - .001
73 - .001
74 - .001

LOCATION	YR.	1ST. QTR.	2ND. QTR.	3RD. QTR.	4TH. QTR.	YR. AVG.
	71	.28	.23	.12	.24	.216
	72	.06	.16	.29		
	73		.03	.27		
	74		.36	.27	.33	
SPRINGFIELD						
SITE 001	70	.04	.04	.10	.04	.053
	71	.04	.06	.08	.05	.059
	72	.06	.06	.04	.03	.047
	73	.04	.04	.04		
	74	.05	.04	.21	.05	.090
INDIANA						
EAST CHICAGO						
SITE 001	70	.17	.17	.23	.25	.205
	71	.21	.36	.34	.15	.265
	74	.04	.12	.13	.11	.101
EVANSVILLE						
SITE 001	70	.27	.13	.07	.07	.138
	71	.05	.09	.07	.06	.066
	72	.04	.06	.04	.06	.051
	73	.11	.13	.16		
	74		.06	.09	.17	
FORT WAYNE						
SITE 001	70	.22	.18	.17	.16	.183
FORT WAYNE						
SITE 002	71	.11	.15	.16	.10	.130
	72	.05	.12	.17	.14	.112
	73	.07	.11	.12		
GARY						
SITE 001	70	.23	.07	.07	.09	.116
	71	.14	.09		.13	
	72	.12	.08	.16	.12	.121
	73	.09	.10	.11		
	74	.10	.09	.15	.19	.135
HAMMOND						
SITE 001	70	.09	.10	.19	.17	.138
	71	.11	.31	.29	.23	.236
HAMMOND						
SITE 002	72	.11	.22	.27	.62	.431
	73	.31	.49	.44		
	74	.28	.45	.55	.17	.362
INDIANAPOLIS						
SITE 001	70	.05	.07	.12	.09	.084
	71	.07	.12	.15	.11	.115
	72	.17	.27	.20		
	74		.30	.29		
MUNCIE						
SITE 001	70	.10	.10			
	71			.08	.11	
	72	.09				
NEW ALBANY						
SITE 002	70	.13	.09	.20	.32	.184
	71	.15				
	72		.05	.05	.05	
	73	.05	.07	.04		
	74		.13			
SOUTH BEND						
SITE 002	70	.23		.20	.08	
	71	.05	.08	.11		
	72		.07	.12	.05	
	73	.07	.18	.07		
	74	.18	.70	.17	.27	.205
TERRE HAUTE						
SITE 001	70	.06	.09	.08	.06	.060
	71	.05		.04		
	72	.10	.45	.46	.40	.352
	73	.14	.28			
	74		.19	.23	.22	

POLLUTANT : 12114 - COPPER
METHOD : HI-VOL EMISSION SPECTRA (LOW TEMP ASH)
UNITS : UG/CU METER (25 C)
DATA TYPE : QUARTERLY COMPOSITE
PROJ. CLASSIFICATION : URBAN
ANALYTICAL QUALITY : 2SE(+-)38.5%

LOWER DISCRIMINATION LEVEL (LD)
70 - .001
71 - .001
72 - .001
73 - .001
74 - .001

LOCATION	YR.	1ST. QTR.	2ND. QTR.	3RD. QTR.	4TH. QTR.	YR. AVG.
IOWA						
CEDAR RAPIDS						
SITE 001	70	.02	.02	.03	.06	.035
	71	.08	.13	.12		
	72	.02	.18	.17	.07	.101
	73	.08	.18	.11	.10	.098
	74	.10	.01	.07	.13	.077
DAVENPORT						
SITE 001	70	.04	.02	.04	.05	.038
	71	LD		.05	.09	
	72	.05	.04	.03	.03	.037
	73	.03	.03	.03	.08	.043
	74	.06	.10	.10	.17	.157
DES MOINES						
SITE 001	70	.02	.02	.04	.04	.028
	71	.04	.02	.04	.03	.035
	72	.08	.05	.04	.05	.058
	73	.05	.07	.08	.05	.064
	74	.05	.07	.22	.22	.139
DUBUQUE						
SITE 001	70	.25	.51			
DUBUQUE						
SITE 002	71		.31			
	72	.07	.08	.02	.03	.038
	73	.05	.04	.03	.10	.059
	74	.09	.17	.16	.17	.143
DUBUQUE						
SITE 008	74	.08	.11	.14	.10	.109
WATERLOO						
SITE 001	71		.04	.04	.06	
WATERLOO						
SITE 004	72	.04	.02			
	73		.04	.03	.05	
	74	.05	.05	.09	.07	.068
KANSAS						
KANSAS CITY						
SITE 002	70	.15	.21	.23	.21	.202
	71	.29	.29	.08	.44	.624
	72	.29	.24	.11	.16	.200
	73	.10	.16		1.39	
	74	.37	.61	.72	.59	.564
KANSAS CITY						
SITE 012	74		.10	.08	.10	
TOPEKA						
SITE 001	70	.07	.10	.15	.13	.111
	71	.19	.18	.11	.09	.138
	72	.05	.13	.06	.03	.069
	73		.06	.05	.09	
	74	.15	.10	.12	.19	.138
WICHITA						
SITE 001	70	.12	.09	.18	.23	.153
	71	.25	.12	.25	.31	.237
	72	.24	.18	.21		
	73	.13	.09	.29	.27	.194
	74	.25	.13	.15	.12	.162
KENTUCKY						
ASHLAND						
SITE 002	70	.24	.23	.13	.15	.187
	71	.23	.31	.42		
	72	.12	.18	.11	.15	.141
	73	.26	.23		.20	
	74	.52	.24	.12	.15	.257
BOWLING GREEN						
SITE 001	70	.12	.10	.38	.05	.165
	71	.07	.04	.06	.05	.044
	72	.04	.08	.04	.11	.078
	73	.05	.07	.17	.05	.070
COVINGTON						
SITE 001	70	.05	.05	.06	.07	.058
	71	.07	.09	.08	.07	.076
	72	.04	.08	.04	.04	.039
	73	.02	.08			
	74	.03	.03	.04	.05	.038
LEXINGTON						
SITE 001	70	.04	.05	.06	.06	.053
	71	.07	.09	.08	.17	.099
	72	.06	.10	.25	.21	.158
	73	.13	.15			
	74				.09	
LOUISVILLE						
SITE 002	72	.19	.48			
	73			.14	.11	
	74		.08	.11	.10	
LOUISVILLE						
SITE 003	70		.32	.22	.21	
	71	.61	.68	1.49	.86	.911
LOUISIANA						
BATON ROUGE						
SITE 001	70	.05	.09	.60	.71	.752
	71	.26	.26		.79	
	72	.15	.39	.57	.46	.393
	73	.08	.39	.76		
	74	.17	.46	.38	.18	.299
NEW ORLEANS						
SITE 002	70	.04	.05	.08	.09	.056
	71	.06	.05	.08	.05	.060
	72	.05	.05	.08	.02	.042
	73	.03	.03	.08		
	74	.06	.05		.07	
SHREVEPORT						
SITE 001	70	.06	.62	.17	.16	.253
	71	.13	.16	.19	.35	.205
	72	.16	.15	.17	.22	.175
	73		.05	.14	.19	
	74	.03	.05	.05	.07	.052
MAINE						
PORTLAND						
SITE 002	70	.04	.05	.06	.07	.044
	71	.05	.06	.06	.09	.068
	72	.05	.06			
	73		.03			
	74	.05	.08	.05		
MARYLAND						
BALTIMORE						
SITE 001	70	.58	.88	1.09	.71	.690
	71	.33	.32		.44	
	72	.43	.80	.29	.32	.458
	73	.17	.11	.09	.12	.125
	74	.13	.12	.14	.18	.133
MASSACHUSETTS						
BOSTON						
SITE 001	70	.06		.14	.10	
	71		.06			
	72	.13	.11	.35		
	73				.03	
	74		.06	.07		
CAMBRIDGE						
SITE 001	70		.09		.05	
	71	.05	.07	.06	.11	.075
	72		.03			
	73			.65	.26	
	74		.89	.78		

POLLUTANT : 17114 - COPPER
METHOD : HI-VOL EMISSION SPECTRA (LOW TEMP ASH)
UNITS : UG/CU METER (25°C)
DATA TYPE : QUARTERLY COMPOSITE
PROJ. CLASSIFICATION : URBAN
ANALYTICAL QUALITY : 2816-139.543

LOCATION	YR.	1ST. QTR.	2ND. QTR.	3RD. QTR.	4TH. QTR.	YR. AVG.
MASSACHUSETTS						
FALL RIVER						
SITE 002	70	.04	.05	.05	.07	.058
	71	.06	.07	.10	.07	.074
	72			.06	.10	
	73		.09	.05		
NEW BEDFORD						
SITE 001	70		.05			
	72		.09			
	73			.17	.18	
	74		.08	.18		
SPRINGFIELD						
SITE 002	70	.05	.07	.10	.11	.084
	71	.10	.09			
	72		.13	.06	.07	
	73	.08	.06			
	74		.09	.17		
WORCHESTER						
SITE 001	70	.07	.07	.05	.13	.078
	71	.08	.06	.03	.05	.058
	72	.07	.06	.05	.03	.042
	73	.05	.11		.04	
	74		.05			
MICHIGAN						
DEARBORN						
SITE 001	70	.08	.08	.05		
	71		.06	.08		
	73	.03	.03	.07		
	74	.02	.05	.04	.06	.043
DETROIT						
SITE 001	70	.08	.08	.09	.10	.078
	71	.05	.06	.06	.08	.067
	74			.10	.05	
FLINT						
SITE 001	70	.05	.07	.10	.20	.107
	71	.12	.10	.08	.06	.087
	72	.07	.11	.05		
	73	.04	.04	.04		
	74				.03	
GRAND RAPIDS						
SITE 001	70	.24	.27	.29	.34	.285
	71	.15	.17	.30	.27	.270
	72	.28	.56	.36	.17	.367
	73	.10	.19	.41		
LANSING						
SITE 001	70	.16	.07	.06	.07	.090
	71	.05	.14	.14	.14	.120
	72		.05	.05	.05	
	73	.08	.11	.09		
	74	.09	.09	.27		
SAGINAW						
SITE 001	70	.03	.04	.05	.05	.042
	71	.03	.05	.04	.03	.038
	72	.03	.03	.03		
	73	.05	.10	.16	.06	.091
	74	.05	.05	.09	.14	.082
TRENTON						
SITE 001	70	.04	.04	.04	.04	.039
	71	.02	.05	.04	.03	.034
	72	.03	.05	.09	.07	.058
	73	.04	.05	.07		
	74		.06	.06		
MINNESOTA						
DULUTH						
SITE 001	70	.03	.05	.05	.05	.047
	71	.05	.09	.07	.07	.072
	72	.07	.09	.10	.14	.101

LOWER DISCRIMINATION LEVEL (LD)
70 - .001
71 - .001
72 - .001
73 - .001
74 - .001

LOCATION	YR.	1ST. QTR.	2ND. QTR.	3RD. QTR.	4TH. QTR.	YR. AVG.
	73	.03	.05	.05		
	74	.01	.03	.03	.02	.023
MINNEAPOLIS						
SITE 001	70	.07	.03	.12	.06	.067
	71	.10	.05	.08	.05	.061
	72	.06		.04	.07	
	73	.03		.02		
	74			.07		
MOORHEAD						
SITE 001	70	.03	.09	.07	.04	.033
	71	.04	.07	.06		
	72	.02		.02		
	73	.03				
ST PAUL						
SITE 001	70	.16	.11	.10	.07	.111
	71	.08	.06	.04		
	72	.08	.11	.08	.06	.082
	73	.04	.09	.12		
	74	.05	.06	.12	.17	.097
MISSISSIPPI						
JACKSON						
SITE 002	70	.06	.12	.06		
	71	.08	.10			
	72	.21	.08	.05	.06	.098
	74	.10	.09	.09	.08	.091
MISSOURI						
KANSAS CITY						
SITE 002	70	.11	.13	.20	LD	.111
	71	.19	.24			
	72	.23	.22	.24	.16	.208
	74	.23	.39	.23		
ST LOUIS						
SITE 001	70	.26	LD		.22	
	71	.27	.17	.07	.06	.127
	72	.08	.08	.07	.12	.087
	73				.08	
	74	.09	.13	.35	.18	.187
MONTANA						
HELENA						
SITE 001	70	.14	.08	.21		
	71	.36	.29	.45	.43	.385
	72		.31			
NEBRASKA						
LINCOLN						
SITE 002	70	.07	.09	.09	.13	.093
	71	.08	.21	.24	.05	.145
	72	.09	.10	.08	.11	.096
	73	.09	.07	.08	.02	.067
	74	.07	.11	.40	.48	.267
OMAHA						
SITE 001	70	.11	.08	.17	.09	.112
	71	.06	.10	.10	.08	.086
	72	.06	.14	.15	.10	.111
	73	.06	.05	.11	.09	.075
	74	.06	.09	.20	.10	.128
NEVADA						
LAS VEGAS						
SITE 001	70	.04	LD	.02		
	71	.04	.06	.06		
	72	.09				
	74		.05		.19	
RENO						
SITE 001	70	.10	LD	.34		
	71	.11		.13		
	72	.07	.05	.04	.11	.069
	73	.09	.07	.15	.13	.109
	74	.14	.19	.33	.29	.277

POLLUTANT : 17114 - COPPER
METHOD : HI-VOL EMISSION SPECTRA (EPA TEMP ASH)
UNITS : UG/CU METER (25°C)
DATA TYPE : QUARTERLY COMPOSITE
PROJ. CLASSIFICATION : URBAN
ANALYTICAL QUALITY : 20(+-)30.5%

LOWER DISCRIMINATION LEVEL (LD)
70 - .001
71 - .001
72 - .001
73 - .001
74 - .001

LOCATION	YR.	1ST. QTR.	2ND. QTR.	3RD. QTR.	4TH. QTR.	YR. AVG.
NEW HAMPSHIRE						
CONCORD						
SITE 001	70	.03	.09	.17	.17	.127
	71	.14	.27	.29	.19	.212
	72	.17	.10	.12	.09	.108
	73	.09			.00	
	74	.07	.04	.09		
NEW JERSEY						
BAYONNE						
SITE 001	70	.10	.16	LD		
	73		.15	.18	.10	
	74		.17	.21	.09	
BURLINGTON CO						
SITE 002	70	.26	.28	.28	.60	.445
	71	.18	.25	.36	.29	.269
CAMDEN						
SITE 001	70	.20	.23	.22	.22	.217
	71	.28	.28			
	72		.18	.12		
	73			.16	.11	
	74	.09	.08			
CAMDEN CO						
SITE 002	73		.36	.39		
ELIZABETH						
SITE 002	70	.23	.23	.20	.12	.206
	71	.18	.19	.18	.23	.173
	72	.11	.16	.23		
	73			.22	.17	
	74	.26	.18	.18	.07	.162
GLASSBORO						
SITE 001	70	.87	.29	.46	1.25	.606
	71	.97	1.02	1.24		
	72	.66	.59	.27	.39	.603
	73			.02		
	74	.97				
HAMILTON						
SITE 001	70		.05	.05	LD	
	71	.05	.03			
JERSEY CITY						
SITE 001	70	.17	.19	.15	.15	.164
	71	.11	.18	.15	.12	.176
	72	.15	.11	.24	.17	.167
	73		.17	.11		
	74		.13		.09	
NEWARK						
SITE 001	70	.15	.21	.19	.26	.209
	71	.19	.18	.16		
	72	.17	.18	.18	.12	.168
	73			.17	.18	
	74	.20	.18	.15	.11	.168
PATERSON						
SITE 001	70	.61	.57	.06	.08	.320
	71	.06	.15			
	72				.08	
	73			.04	.07	
	74	.05	.03		.07	
PERTH AMBOY						
SITE 001	70	.38	.45	.47	.31	.517
	71	1.09	.83	.78	.58	.805
	72	.42	.26	.05	.35	.493
	74		.25	.20		
TRENTON						
SITE 001	70	.18	.17	.16	.38	.205
	71		.30	.15		
	72	.07	.15	.14	.09	.113
	73			.07	.07	
	74	.09	.05	.10	.14	.095
NEW MEXICO						
ALBUQUERQUE						
SITE 001	70	.20	.30	.36	.28	.287
	71	.22	.21	.30	.26	.248
	72	.26	.26	.41	.49	.379
	73	.07	.29	.20		
	74	.37	.07	.11	.35	.225
NEW YORK						
ALBANY						
SITE 001	70	.05	.06	.07		
	71	.05	.05	.17		
	72	.07	.08	.09	.10	.087
	73		.08		.08	
	74	.07	.09	.08	.08	.079
BUFFALO						
SITE 001	70	.09	.08	.10	.07	.084
	71	.17	.07	.09	.06	.084
	72	.09	LD	.06	.17	.069
	73		.08	.22	.07	
	74	.10	.08	.07	.06	.075
NEW YORK CITY						
SITE 001	70	.37	.29	.57	.27	.368
	71	.23	.25		.20	
	72	.16	.22	.26	.15	.234
	73		.15	.17	.09	
	74	.09	.18	.18	.15	.181
NIAGARA FALLS						
SITE 001	70	.13	.09	.15	.09	.117
	71	.19	.15	.18	.18	.167
	72	.05	.10	.15	.30	.148
	73			.11	.09	
	74	.11	.07	.12	.08	.097
ROCHESTER						
SITE 001	70	.17	.21	.25	.15	.197
	71	.07	.08	.08	.07	.077
	72	.05	.05	.08	.08	.068
	73		.05	.07	.10	
	74	.05	.07	.07	.08	.068
SYRACUSE						
SITE 001	70	.10	.12	.17	.10	.122
	71	.15	.20	.19	.28	.220
	72	.18	.22	.33	.40	.295
	73		.14	.19	.07	
	74	.14	.19	.19	.19	.176
UTICA						
SITE 001	70	.19	.15	.02	.29	.164
	71	.18	.25	.33	.42	.297
	72	.09	.25	.18	.60	.484
	73				.28	
	74		.11		.15	
YONKERS						
SITE 001	70	.09	.19	.15	.17	.153
	71	.18		.29	.14	
	72	.13	.33	.04		
	73			.15	.27	
NORTH CAROLINA						
CHARLOTTE						
SITE 001	70	.11	.08	.04	.05	.071
	71	.26	.25			
	72	.24	.37	.28	.04	.236
	73	.06	.04	.07	.07	.050
	74	.04	.04	.17	.13	.097
DURHAM						
SITE 001	70	.10	.08	.05	.09	.081
	71		.08	.06	.06	
	72	.04	.08	.02	.04	.035
	73	.05	.03	.05	.05	.044
	74	.04	.04	.12	.10	.074

POLLUTANT : 17114 - COPPER
METHOD : HI-VOL EMISSION SPECTRA (LOW TEMP ASH)
UNITS : UG/CU METER (25 C)
DATA TYPE : QUARTERLY COMPOSITE
PROJ. CLASSIFICATION : URBAN
ANALYTICAL QUALITY : 2814-179.583

LOWER DISCRIMINATION LEVEL (LD)
70 - .001
71 - .001
72 - .001
73 - .001
74 - .001

LOCATION	YR.	1ST. QTR.	2ND. QTR.	3RD. QTR.	4TH. QTR.	YR. AVG.
NORTH CAROLINA						
GREENSBORO						
SITE 001	70	.09	.08	.07	.09	.082
	71	.05	.06			
	72	.05	.06	.06	.09	.066
	73	.05	.10	.06	.06	.067
	74	.08	.08	.16	.17	.115
WINSTON-SALEM						
SITE 002	70	.08	.12	.06	.08	.071
	71	.12	.07	.13	.07	.098
	72	.10	.17	.19		
	73		.07	.07	.09	
	74	.08	.13	.26	.12	.130
NORTH DAKOTA						
BISMARCK						
SITE 001	70	.05	.07	.09	.06	.066
	71	.06	.05	.04	.04	.049
	72	.09	.08	.06	.03	.052
	73	.07	.07	.04	.08	.035
OHIO						
AKRON						
SITE 001	70	.05	LD	.07	.08	.040
	71	.08	.06	.04	.07	.048
	72	.07	.03	.04		
	73	.08	.04	.06		
	74		.15	.30		
CANTON						
SITE 001	70	.07	.11	.05	.06	.075
	71	.03	.07	.08	.07	.061
	72	.05		.04	.06	
	73	.07	.08	.08		
	74		.13	.32	.27	
CINCINNATI						
SITE 001	70	.11	.21	.19	.27	.189
	71	.15	.38	.45	.27	.316
	72	.15	.25	.37	.40	.318
	74		1.33		.20	
CLEVELAND						
SITE 001	70	.17	.23	.10	.17	.164
	71	.15	.20			
	72	.21	.03		.09	
	74				.11	
COLUMBUS						
SITE 001	70	.09	.07	.10	.08	.081
	71	.09	.06	.09	.08	.074
	72	.07	.05	.12	.07	.065
	73	.05				
	74				.35	
DAYTON						
SITE 001	70	.07	.10	.11	.11	.089
	71	.05	.06	.06	.07	.060
	72	.08	.07	.09	.11	.078
	73	.11	.17	.14		
	74	.07			.30	
IRONTON						
SITE 002	71	.35	.39	.23	.28	.380
	72	.32	.30	.28	.30	.320
	73	.48	.59	.60		
	74		.49			
PORTSMOUTH						
SITE 002	71	.16	.16	.25	.22	.197
	72	.12	.57	.27	.05	.252
	73	.18	.27	.42		
	74		.45			
STEUBENVILLE						
SITE 001	71	.17	.32	.05	.29	.367
	72	.06				
	73	.17	.04	.15		
	74			.10		

LOCATION	YR.	1ST. QTR.	2ND. QTR.	3RD. QTR.	4TH. QTR.	YR. AVG.
TOLEDO						
SITE 001	70	.04	.09	.08		
	71	.05	.07	.07	.05	.059
	72	.02	.06	.05	.05	.043
	74		.09	.18	.15	
YOUNGSTOWN						
SITE 001	70	.03	.03	.08	.10	.060
	71	.04	.06	.06	.05	.056
	72	.06	.07	.08	.06	.067
	73			.06		
	74	.05	.09		.11	
OKLAHOMA						
OKLAHOMA CITY						
SITE 001	70	.14	.09	.17	.12	.126
	71	.10	.10			
OKLAHOMA CITY						
SITE 015	72	.10	.07	.09	.06	.132
	73	.03	.07			
	74	.12	.11	.02	.06	.079
OKLAHOMA CITY						
SITE 029	73	.02	.02	.03		
	74	.03	.03	.02	.07	.040
TULSA						
SITE 001	70	.12	.20	.07	.03	.108
	71	.26	.27	.03	.07	.158
	72	.04	.08	.04		
	73	.01	.02	.04	.01	.020
	74	.07	.03	.11	.15	.078
OREGON						
EUGENE						
SITE 001	70	.05	.03	LD		
MEDFORD						
SITE 001	70	.02	.03	.04		
	71	.05	.04			
PORTLAND						
SITE 001	70	.17	.12	.09	.09	.118
	71	.08		.13	.14	
	72	.09	.12	.14	.27	.170
	73			.10		
	74	.05	.09			
PENNSYLVANIA						
ALLENTOWN						
SITE 001	70	.17	.09	.10	.17	.133
	71	.13	.08	.11	.15	.120
	72	.07	.12	.22	.18	.149
	73	.04	.08	.27	.25	.286
	74	.15	.12	.14	.12	.135
ALTOONA						
SITE 001	70	.56	.85	1.32	1.17	.995
	71	.56	.41	.62	.56	.527
	72	.30	.76	.28	.18	.277
	73	.11	.12	.14	.17	.134
	74		.09	.51	.76	
BETHLEHEM						
SITE 002	70	.08	.15	.27	.19	.173
	71	.09	.11	.14	.12	.116
	72	.08	.09	.14	.04	.090
	73	.09	.11	.16	.10	.111
	74	.07	.11	.11		
CLEARFIELD CO						
SITE 001	72	.11	.12	.32		
ERIE						
SITE 002	70	.09	.05	.07	.18	.080
	71	.04	.08	.06	.05	.046
	72	.05	.12	.08	.10	.088
	73	.02	.03	.05	.19	.072
	74		.12	.18	.18	

POLLUTANT : 12114 - COPPER
METHOD : HI-VOL EMISSION SPECTRA (LOW TEMP ASH)
UNITS : UG/CU METER (25 C)
DATA TYPE : QUARTERLY COMPOSITE
PROJ. CLASSIFICATION : URBAN
ANALYTICAL QUALITY : PRE-1978.583

LOCATION	YR.	1ST. QTR.	2ND. QTR.	3RD. QTR.	4TH. QTR.	YR. AVG.
PENNSYLVANIA						
HARRISBURG						
SITE 001	70	.08	.09	.18	.17	.130
	71	.15	.17	.10	.12	.122
	72	.09	.10	.08	.11	.096
	73	.12	.17		.17	
	74		.17			
HAZLETON						
SITE 001	70	.07	LD	LD	.13	
	71	.08	.17	.14	.21	.151
	72	.13	.30	.23	.17	.206
	73	.12	.60	.25	.17	.286
	74	.13	.10	.10	.10	.106
JOHNSTOWN						
SITE 001	70	.09	.17	.18	.07	.124
	71	.17	.08			
LANCASTER CITY						
SITE 001	70	.14	LD			
	71			.11	.10	
LANCASTER CITY						
SITE 002	70			LD		
	73		.03	.03	.07	
	74	.09	.06	.10		
PHILADELPHIA						
SITE 001	70	.09	.15	.21	.11	.137
	71	.17	.11	.26	.24	.197
PHILADELPHIA						
SITE 004	72	.10	.06	.09	.05	.075
	73	.05				
	74	.31	.16	.05	.16	.171
PITTSBURGH						
SITE 001	70	.07	.08	.08	.08	.079
	71	.07	.09		.06	
	74	.17	.11	.15	.11	.122
READING						
SITE 001	70	.20	.09	.17	.15	.152
	71	.23	.12	.23		
	72	.11	.11	.16	.15	.117
	73	.07	.05	.09		
SCRANTON						
SITE 001	70	.05	.04	.06	.07	.089
	71	.05	.04	.05	.05	.063
	72	.04	.04	.05	.05	.041
	73	.05	.07	.04	.07	.046
	74	.05	.06	.15	.07	.046
WARMINSTER						
SITE 001	70	.08	.08	.05	.09	.077
	71	.05	.06			
	74		.21	.19		
WEST CHESTER						
SITE 001	70	.05	LD	LD		
	71	.16				
	73	.01	.04	.05		
WILKES-BARRE						
SITE 001	70	.19	.09	.11	.37	.190
	71	.17	.15	.15	.20	.165
	72	.03	.05	.05	.08	.051
	73	.07	.05	.12	.13	.079
	74	.11	.08	.08	.05	.074
YORK						
SITE 001	70	.03	.02	.04	.05	.038
	71	.03	.03	.03	.06	.048
	72	.03	.03	.03	.04	.030
	73	.05	.08	.14	.05	.072
	74	.09				

LOWER DISCRIMINATION LEVEL (LD)
70 - .001
71 - .001
72 - .001
73 - .001
74 - .001

LOCATION	YR.	1ST. QTR.	2ND. QTR.	3RD. QTR.	4TH. QTR.	YR. AVG.
PUERTO RICO						
BAYAMON						
SITE 002	70	.06	.10	.14	.09	.098
	72	.11	.10	.08	.14	.106
	73			.09		
	74	.15	.16	.10		
CATANO						
SITE 002	70	.05	.09	.05	.06	.067
	72	.13	.09	.09	.09	.084
	73		.06	.17	.19	
	74		.15	.29		
GUAYANILLA						
SITE 002	70	.04	.08	.07	.09	.058
	72	.01	.02	.02	.01	.015
	73		.01	.02	.02	
	74	.09	.01			
PONCE						
SITE 002	70	.05	.06	.10	.07	.071
	72	.08	.08	.13	.09	.096
	73		.05	.11	.15	
	74	.15	.19		.05	
SAN JUAN						
SITE 001	70	.05	.09	.37	LD	.104
	72	.09	.13	.06	.05	.082
	73		.09	.08	.13	
	74	.10	.09	.10		
RHODE ISLAND						
EAST PROVIDENCE						
SITE 001	70	.15	.18	.11	.11	.138
	71	.06	.11	.12	.22	.127
	72	.21	.09	.12	.13	.139
	73	.18	.10	.05	.09	.087
	74			.10		
PROVIDENCE						
SITE 001	70	.10	.17	.12	.27	.163
	71	.22	.15	.24	.42	.255
	72	.25	.16	.12	.15	.218
	73	.44	.05		.11	
	74	.17		.16	.28	
SOUTH CAROLINA						
COLUMBIA						
SITE 001	70	.43	.45	.99		
	71	.68				
	72	1.03	1.44	1.57	1.24	1.319
	73	.61	.26	.50	.52	.498
	74		.42	.09	.17	
GREENVILLE						
SITE 001	70	.09	.13	.07	.06	.090
	71	.05	.12	.06	.07	.076
	72	.06	.07	.10	.09	.081
	73	.06	.06	.06	.06	.060
	74	.14	.09	.19	.08	.111
SOUTH DAKOTA						
SIOUX FALLS						
SITE 001	70	.17	LD	.25	.15	.146
	71	.48	.37	.43	.41	.417
	72	.67	.32	.35		
	73	.17	.32	.35		
TENNESSEE						
CHATTANOOGA						
SITE 001	70	.53	.80	.47	.35	.452
	71	.09	.20	.09		
	72	.17	.07	.08	.05	.091
	73	.04	.07			
	74			.03		
KNOXVILLE						
SITE 001	70	.06	LD	.07		

POLLUTANT : 12114 - COPPER
METHOD : HI-VOL EMISSION SPECTRA (LOW TEMP ASH)
UNITS : UG/CU METER (25 C)
DATA TYPE : QUARTERLY COMPOSITE
PROJ. CLASSIFICATION : URBAN
ANALYTICAL QUALITY : 2814-134,567

LOWER DISCRIMINATION LEVEL (LDL)
70 - .001
71 - .001
72 - .001
73 - .001
74 - .001

LOCATION	YR.	1ST. QTR.	2ND. QTR.	3RD. QTR.	4TH. QTR.	YR. AVG.
TENNESSEE						
KNOXVILLE						
SITE 002	71	.23	.20	.29	.35	.238
	73	.15	.19	.08	.07	.106
	74		.08	.15	.07	
MEMPHIS						
SITE 001	70	.07	.09	.11	.05	.068
	71	.08	.07	.07	.10	.068
	72	.05	.06	.05	.05	.067
	73	.08	.08	.06	.05	.086
	74	.08	.12	.20	.22	.145
NASHVILLE						
SITE 001	70	.05	.05	.05	.05	.050
	71	.08	.07			
	72	.09	.04		.10	
	73	.08	.06	.12	.09	.098
	74	.07	.06	.06		
TEXAS						
AMARILLO						
SITE 002	71	.11				
	74		.06			
AUSTIN						
SITE 002	70			.01	.02	
	71	.01	.02	.02	.07	.029
	74	.09	.14			
BEAUMONT						
SITE 001	70			.03	.07	
	71	.02	.09			
	74		.02			
CORPUS CHRISTI						
SITE 001	70			.12	.02	
	73	.09		.01		
	74		.03	.02		
DALLAS						
SITE 002	70	.37	.10	.14	.10	.181
	71	.11	.05	.09	.08	.071
	72	.08	.03	.06	.05	.061
	73	.08	.02		.03	
	74	.05	.07	.12	.18	.106
EL PASO						
SITE 002	70	.89	.48	.13	.90	.575
	71	1.07	.51	.11		
	72	1.00	.20	.13	.67	.448
	73	.32	.21	.20	.37	.276
	74	.60	.28	.22	.55	.366
FORT WORTH						
SITE 001	70	.09	.07	.10	.07	.083
	71	.13	.13	.17	.27	.175
	72	.25	.15	.29	.17	.206
	73	.11	.07	.09	.10	.091
	74	.06	.09	.20	.09	.109
HOUSTON						
SITE 001	70	.11	.15	.20	.19	.157
	71	.16	.21	.15	.19	.178
	72	.13	.05	.08	.32	.133
	73	.49	.35	.34	.40	.390
	74	.45	.50	.56	.18	.485
LUBBOCK						
SITE 001	70			.06	.03	
	71	.03	.02	.04		
	74		.02			
PASADENA						
SITE 002	70	.05	.04	.14	.09	.079
	71	.09	.04	.13	.12	.084
	72	.09	.04	.15	.06	.082
	73	.17	.23	.26	.06	.179
	74	.03	.38			

LOCATION	YR.	1ST. QTR.	2ND. QTR.	3RD. QTR.	4TH. QTR.	YR. AVG.
SAN ANTONIO						
SITE 001	70	.05	.01	.03	.06	.041
	71	.05	.05	.05	.07	.046
	72	.05	.10	.10	.12	.091
	73	.21		.11	.07	
	74	.03	.09	.05	.06	.077
WICHITA FALLS						
SITE 001	70			.12		
	71	.07	.07	.17		
WICHITA FALLS						
SITE 002	74	.01		.01		
UTAH						
OGDEN						
SITE 001	70	.15	.16	.21	.18	.178
	71	.12	.07	.05	.09	.085
	72	.04	.05	.05	.05	.059
	73	.07	.09	.05	.04	.038
SALT LAKE CITY						
SITE 001	70	.11	.08	.13	.12	.117
	71	.17	.11		.05	
	72	.05	.09	.06	.11	.066
VERMONT						
BURLINGTON						
SITE 001	70	.05	.06	.08	.07	.050
	71	.05	.06	.06		
	72	.07				
	74	.53	.76	.80	.85	.660
VIRGINIA						
DANVILLE						
SITE 001	70	.04	.05	.11	.09	.077
	71	.08	.08	.08		
	72	.06	.06	.08	.07	.066
	73	.04				
	74	.17	.10			
FAIRFAX CO						
SITE 001	71	.07	.05	.08	.17	.095
	72	.17	.16	.21	.17	.177
	73	.08	.08	.17		
HAMPTON						
SITE 001	70	.36	.03	.01	.07	.101
	71	.02	.03	.08	.15	.068
	72	.07	.02	.02	.03	.035
	73	.05	.11	.07	.05	.069
	74	.04	.01	.05	.03	.030
LYNCHBURG						
SITE 001	70	.23	.17	.23	.20	.203
	71	.33	.23	.17	.23	.238
	72	.21	.22	.23	.32	.245
	73	.26	.10			
	74			.15	.07	
NEWPORT NEWS						
SITE 001	70	.09	.08	.11	.15	.106
	71	.06	.05	.08	.10	.077
	72	.08	.03	.07		
	73	.04	.03	.05		
	74		.05			
NORFOLK						
SITE 001	70	.04	.05	.08	.05	.057
	71	.05	.05	.06	.06	.054
	72	.05	.05	.05	.07	.061
	73	.04	.03	.05	.05	.047
	74	.03	.05	.10	.05	.077
PORTSMOUTH						
SITE 001	70	.05	.10	.11	.11	.097
	71	.14	.07		.08	
	72	.10	.10	.08	.07	.089
	73	.04	.10	.11	.10	.087
	74		.20		.17	

POLLUTANT : 12114 - COPPER
METHOD : HI-VOL EMISSION SPECTRA (LOW TEMP ASH)
UNITS : UG/CU METER (25 C)
DATA TYPE : QUARTERLY COMPOSITE
PROJ. CLASSIFICATION : URBAN
ANALYTICAL QUALITY : 28(+-138.54)

LOWER DISCRIMINATION LEVEL (LE)
T0 = .001
T1 = .001
T2 = .001
T3 = .001
T4 = .001

LOCATION	YR.	1ST. QTR.	2ND. QTR.	3RD. QTR.	4TH. QTR.	YR. AVG.
VIRGINIA						
RICHMOND						
SITE 002	70	.09	.06	.04	.06	.059
	71				.13	
	72	.09	.09			
	74	.08	.08	.05	.13	.083
ROANOKE						
SITE 001	70	.10	.12	.14	.18	.136
	71	.09	.09	.08	.09	.084
	72	.07	.10	.01		
	73	.04		.09	.02	
	74	.11	.15	.10		
WASHINGTON						
SEATTLE						
SITE 001	70	.09	.07	.08	.05	.070
	71	.10	.09	.08	.06	.086
	72	.04	.03	.05		
	73	.13	.14	.15	.11	.132
	74	.15	.12			
SPOKANE						
SITE 001	70	.43	.33	.33	.51	.398
	71	.98	.92	1.28	.95	1.032
	72	.39	.47	.90	.74	.524
	73	.42	.28	.35		
	74	.34	.30			
TACOMA						
SITE 001	70	.14	.10	.15	.23	.155
	71	.15	.20	.14	.07	.144
	72	.21	.05	.03	.16	.111
	73	.10	.10	.16	.09	.116
	74	.10				
WEST VIRGINIA						
CHARLESTON						
SITE 001	70	.04	.04	.05	.05	.045
	71	.04	.07	.05	.07	.057
	74	.04	.03	.03	.14	.059
HUNTINGTON						
SITE 001	71		.32	.17	.16	
HUNTINGTON						
SITE 005	72	.04		.36	.54	
	73	.15		.35	.29	
	74	.14				
SOUTH CHARLESTON						
SITE 001	70	.37	.34	.35	.15	.301
	71	.12	.23	.33	.40	.269
	72	.11			.11	
	73	.11	.13	.12		

LOCATION	YR.	1ST. QTR.	2ND. QTR.	3RD. QTR.	4TH. QTR.	YR. AVG.
	74	.10	.02	.58	.34	.260
WISCONSIN						
EAU CLAIRE						
SITE 002	70	.05	.09	.08	.16	.096
	71	.09	.11	.10	.09	.098
	72	.04	.02	.03	.03	.031
	73	.11	.11	.11		
	74	.09				
KENOSHA						
SITE 001	70	.09	.14	.11	.07	.103
	71	.08	.20	.16	.07	.178
	72	.09	.10	.16	.19	.136
	73	.04	.05	.09		
	74				.07	
MADISON						
SITE 001	70	.05	.03	.04	.03	.038
	71	.04	.05	.06	.05	.051
	72	.04	.05	.05	.05	.049
	73	.03	.05	.05		
	74	.05	.02	.05	.05	.043
MILWAUKEE						
SITE 001	70	.14	.08	.08	.11	.103
	71	.07	.09	.14	.09	.098
	72	.08	.10	.08	.11	.093
	73	.08	.07	.06		
	74			.14	.04	
RACINE						
SITE 001	70	.08	.07	.04	.02	.053
	71		.03	.05	.05	
	72	.02	.03	.02	.02	.020
	73	.02	.03	.07		
	74	.04	.05	.04	.05	.045
SUPERIOR						
SITE 001	70	.03	.04	.05	.02	.035
	71	.02	.03			
	72	.01	.01			
	73		.01		.05	
	74		.04			
WYOMING						
CASPER						
SITE 001	70	.08	.15	.20	.06	.125
	72		.07	.24	.25	
	73	.10	.09	.09	.13	.105
CHEYENNE						
SITE 001	70	.18	.17	.25	.12	.178
	72		.11	.27	.23	
	73	.28				

POLLUTANT : 32104 - COPPER
METHOD : HY-VOL PRECIPITATION SAMPLER FLOW TEMP ASMI
UNITS : UG/L METRIC TON OF
DATA TYPE : QUARTERLY COMPOSITE
PROJ. CLASSIFICATION : NON-URBAN
ANALYTICAL QUALITY : 78(+)79,569

LOWER DISCRIMINATION LEVEL (LDL)
70 - .0001
71 - .0011
72 - .0012
73 - .0010
74 - .0013

LOCATION	YR.	1ST. QTR.	2ND. QTR.	3RD. QTR.	4TH. QTR.	YR. AVG.
ARIZONA						
GRAND CANYON NAT						
SITE 001	70	.277	.133	.053	.077	.1616
	71	.119	.078	.022		
	72				.139	
	73	.105	.186		.219	
	74	.087	.156	.266	.177	.1737
MARICOPA CO						
SITE 005	73	.787		.053	.084	
	74	.082	.077			
ARKANSAS						
MONTGOMERY CO						
SITE 001	70	.078	.081	.115	.279	.1457
	71	.057	.030	.070		
	73	.087		.11	.098	
	73	.071	.104	.239		
	74	.061	.087	.078	.079	.0699
CALIFORNIA						
HUMBOLDT CO						
SITE 001	70	.767	.711	.595	.276	.7281
	71	.270				
COLORADO						
MESA VERDE NAT PA						
SITE 002	70	.171	.174	.084	.080	.1048
	71	.170	.090	.135	.096	.1200
	72			.013	.036	.404
	73	.220	.074	.089	.079	.7029
DELAWARE						
KENT CO						
SITE 001	70	.088	LD	LD		
	71	.079			.050	
	72			.004	.020	
	73			.082		
FLORIDA						
HARDEE CO						
SITE 301	70	.170	.135	.185	.529	.2336
	71	.767	.177	.203	.237	.2923
	72	.271	.327	.201	.259	.2606
	73				.393	
	74	.725	.960			
HAWAII						
HAWAII CO						
SITE 001	72	.037	.172	.036	.074	.0853
	73			.019	.037	
	74	.059	.111		.095	
HAWAII CO						
SITE 002	70	.778	.257	.270	.191	.3038
	73	.159	.056		.335	
	74				.128	
HAWAII VOLCANOES						
SITE 701	73	.082	.078	.075	.108	.0511
	73	.077	.087		.266	
	74		.175	.139		
IDAHO						
BUTTE CO						
SITE 001	70	.025	.074	.025	.029	.0281
	71	.026	.019	.070	.016	.0430
	72	.005	.025	.013	.020	.0171
	73	.010	.781	.029	.027	.0247
	74	.032	.026			
MONTANA						
MONROE CO						
SITE 001	70	.085	.023	.033	.026	.0321
	71	.015	.131	.705	.411	.3159
	72	.009	.192	.294	.379	.2409
	73	.139	.087			
	74		.238	.772		

LOCATION	YR.	1ST. QTR.	2ND. QTR.	3RD. QTR.	4TH. QTR.	YR. AVG.
MAINE CO						
SITE 001	70	.116	.268	.267	.165	.2026
	71	.101	.142	.099	.155	.1268
	72	.069	.258	.107		
	74		.299			
LOUISIANA						
TERREBYLLE PAR						
SITE 001	74	.687	.706	.451	.702	.6779
MAINE						
ACADIA NAT PARK						
SITE 001	70	.041	.029	.029	.047	.0357
	71	.031	.026	.053	.033	.0366
	72	.041	.062	.079	.013	.0499
	73		.079	.048	.078	
	74	.026	.048	.051		
MARYLAND						
CALVERT CO						
SITE 001	70	.130				
	72		.094	.777		
	74			.179		
MISSISSIPPI						
JACKSON CO						
SITE 001	70	.199	.708	.862		
	71		.105	.383	.379	
	72	.166	.116	.190	.104	.1447
	73	.079	.267			
	74	.046	.068	.715	.104	.1787
MISSOURI						
SHANNON CO						
SITE 002	70	.078	.158	.163	.197	.1515
	71	.129	.559	.307		
	72		.090	.091	.077	
	73	.737	.077	.065	.065	.0959
	74	.041	.096		.537	
MONTANA						
GLACIER NAT PARK						
SITE 001	70	.179	.117	.185		
	71	.087	.137	.295	.708	.1907
	72	.330	.137	.494	.180	.2668
NEBRASKA						
THOMAS CO						
SITE 001	70	.089	.061	.076	.080	.0777
	71	.096			.179	
	72	.109		.219	.180	
	73	.060	.077	.201	.157	.1127
	74	.764	.276			
NEVADA						
WHITE PINE CO						
SITE 001	70	.290	.095	.119	.090	.1228
	71	.208			.060	
	72	.039	.068	.069	.292	.1137
	73	.377	.119	.090	.116	.1754
	74	.117	.079	.080	.077	.0859
NEW HAMPSHIRE						
BELKNAP CO						
SITE 001	72	.327	.129	.248		
	73	.104		.571		
OHIO CO						
SITE 004	70	.168	.110	.229	.417	.2776
	71	.298	.197	.236		
	72			.337	.210	
	73	.187	.280		.291	
	74	.510	.342	.277		
NEW MEXICO						
RIO ARRIBA CO						
SITE 001	70	.265				
	71		.059			
	72	.197	LD	.108	.197	.0979

POLLUTANT : 12110 - COPPER
METHOD : HI-VOL EMISSION SPECTRA (LOW TEMP ASH)
UNITS : UG/CU METER (25 C)
DATA TYPE : QUARTERLY COMPOSITE
PROJ. CLASSIFICATION : NON-URBAN
ANALYTICAL QUALITY : 281+-139.58?

LOCATION	YR.	1ST. QTR.	2ND. QTR.	3RD. QTR.	4TH. QTR.	YR. AVG.
NEW YORK						
JEFFERSON CO						
SITE 001	70	.298	.235	.526	.281	.3318
	71	.287	.788	.584	.541	.5917
	72	.530	.683	.804		
	73			.169		
	74	.167	.190	.377		
NORTH CAROLINA						
CAPE HATTERAS NAT						
SITE 001	70	.056	.056	.077	.079	.0558
	71	.027	.173	.706		
	72	.157	.261			
OKLAHOMA						
CHEROKEE CO						
SITE 001	70	.029	.051	.092	.047	.0673
	71	.137	.276		.230	
	72	.358	.188	.817	.784	.1781
	73	.179	.758	.881	.109	.2866
	74	.517	.405	.277		
OREGON						
CURRY CO						
SITE 001	70	.019	.072	.066	.058	.0567
	71	.067	.062			
	72	.058	.035	.071	.050	.0523
	73	.075	.076	.071		
	74	.107				
PENNSYLVANIA						
CLARION CO						
SITE 001	70	.055	.033	.030	.014	.0333
	71	.022	.029	.084	.037	.0336
	72	.021	.118	.028	.055	.0556
	74	.023	.107	.179		
INDIANA CO						
SITE 001	72	.011	.041			
INDIANA CO						
SITE 002	72				.078	
	74	.115			.194	
INDIANA CO						
SITE 003	72	.011	.610	.703	.381	.4267
RHODE ISLAND						
WASHINGTON CO						
SITE 002	70	.039	.072	.075	.076	.0651
	71	.067	.078	.112	.094	.0859
	72	.068	.048	.137		
	73			.086	.076	
	74	.022				
SOUTH CAROLINA						
PICKENS CO						
SITE 002	70	.959			.980	
	71	.800		.785		
	72	.508	.580	.912	.282	.5705
	73	.317	.464	.197	.849	.4556
	74	.719	.751	1.147		
SOUTH DAKOTA						
BLACK HILLS NAT FO						
SITE 001	70	.387	.620	.174		
	71	.182	.142	.132	.096	.1279

LOWER DISCRIMINATION LEVEL (LDL)
70 - .0011
71 - .0011
72 - .0012
73 - .0010
74 - .0013

LOCATION	YR.	1ST. QTR.	2ND. QTR.	3RD. QTR.	4TH. QTR.	YR. AVG.
	72	.184	.217	.253	.215	.2109
	73	.382	.516	.104	.506	.3696
TENNESSEE						
CUMBERLAND CO						
SITE 001	70	.046	.059	.080	.069	.0635
	71	.055				
TEXAS						
MATAGORDA CO						
SITE 001	70	.074	.170	.308	.400	.2780
	71	.149	.175	.522		
	72	.098	.083	.117	.091	.0845
	73	.092	.133	.716	.294	.2712
	74	.279	.202	.179	.105	.1915
TOM GREEN CO						
SITE 001	70	.028	.025	.045	.074	.0371
	71	.067	.059		.108	
	72	.036	.038	.043	.059	.0437
	73	.086	.050	.093	.067	.0779
	74	.053	.057	.087		
VERMONT						
ORANGE CO						
SITE 004	70	.037	.059	.081	.129	.0765
	71	.155	.140	.119		
	72	.155	.586	.275	.299	.3198
	73		.236	.779	.059	
	74	.061	.095		.348	
VIRGINIA						
SHENANDOAH NAT PA						
SITE 001	70	.116	.228	.282	.208	.1987
	71	.270	.423	.669		
	72	.191	.302	.287	.115	.2278
	74		.127	.079		
WYTHE CO						
SITE 001	70	.406	1.057	1.195	.731	.8462
	71	.495	.157	.443		
	72	.098	.125	.461	.152	.2078
	73	.091	.758	.749	.066	.4125
	74	.113			.219	
WASHINGTON						
KING CO						
SITE 002	70	.047	.037	.046	.082	.0517
	71	.223	.158			
	72	.106	.153	.051	.018	.0820
	73	.035	.053	.046	.035	.0445
	74	.077				
WISCONSIN						
DOOR CO						
SITE 001	70	.091	.211			
	72	.038	.110	.049	.040	.0593
	73	.099		.275		
WYOMING						
GRAND TETON NAT PA						
SITE 001	72		.036	.103	.112	
	73	.198	.092	.175	.161	.1862
YELLOWSTONE NAT PA						
SITE 001	70	.030	.059	.057		
	72		.086	.083	.117	
	73	.011	.014	.278	.146	.1124

POLLUTANT : 12126 - TRON
METHOD : HI-VOL EMISSION SPECTRA (LOW TEMP ASH)
UNITS : UG/CU METER (25 C)
DATA TYPE : QUARTERLY COMPOSITE
PROJ. CLASSIFICATION : URBAN
ANALYTICAL QUALITY : 2810-178.083

LOCATION	YR.	1ST. QTR.	2ND. QTR.	3RD. QTR.	4TH. QTR.	YR. AVG.
ALABAMA						
BIRMINGHAM						
STYE 003	70	5.1		17.1	5.9	
	71	5.6	5.6		6.8	
	72	2.7	3.0	3.6	2.0	2.80
	73	3.0	3.9	2.8	3.1	3.38
	74	3.0	3.5	4.0	.9	3.00
GADSDEN						
STYE 001	70	1.9	1.5	2.1	1.5	2.08
	71	3.0	3.2	1.8	1.7	2.42
	72	1.7	1.4	1.3	.6	1.17
	73	1.3	2.1	2.7	1.3	1.86
	74	1.0	2.0	.7	.7	1.11
HUNTSVILLE						
STYE 001	70	.8	.6	.8	.6	.70
	71	.8	.7	.7	.7	.75
	72	.5	.8	.5	.5	.60
	73	.5	.6	.6		
	74		.5	.7		
MOBILE						
STYE 001	70	.9		1.7	2.0	
	71	3.8	2.6			
	72	1.8	1.1	2.7	1.0	1.84
	73	1.8	2.1		1.8	
	7		2.1	1.8	2.2	
MONTGOMERY						
STYE 003	70	1.8	1.9	1.7	2.0	1.68
	71	1.1	2.8	1.1	1.1	1.41
	72	.8	.7	.6	.7	.7
	73	.8	.8		.5	
	74	.7	.7	.2	.7	.57
ALASKA						
ANCHORAGE						
STYE 003	70	3.7	2.7	2.1	3.7	2.75
	71	.9	2.7	1.8	.8	1.56
	72	.8	3.0	2.6	1.3	1.83
	73	.7	1.5	1.5	1.8	1.18
	74	.8		1.7		
FAIRBANKS						
STYE 001	70	1.5	2.8	2.7		
	71				1.9	
	72	.7	5.9	2.8	.8	2.29
	73			1.8	.9	
	74			.8		
ARIZONA						
DOUGLAS						
STYE 001	71	4.7	5.5			
	72	2.0	.5	.9	.9	1.08
	73			.9	2.2	
	74	1.7	2.1	.6		
MARICOPA CO						
STYE 001	70	.7	.8	1.1	1.8	1.11
	71	1.5	2.8		2.0	
PHOENIX						
STYE 002	70	2.1		2.3	3.6	
	71	3.3	2.7	2.8	2.7	3.10
	72	2.5	1.7	2.8	2.1	2.29
	73	1.7	2.1	2.5	3.0	2.19
	74	2.7	2.5	1.1	1.3	1.98
TUCSON						
STYE 001	70	1.5	1.6	.6	2.6	1.67
	71	2.1	1.7	2.1	.8	1.69
	72	2.2	1.2	1.0	.8	1.32
	73	.5	1.1	.7	1.1	.89
	74	.8	.6	1.0	.8	.79
ARKANSAS						
LITTLE ROCK						
STYE 001	70	1.0	.9	1.2	1.1	1.04
	71	.8		1.2	1.2	

LOWER DISCRIMINATION LEVEL (LD)
70 - .01
71 - .01
72 - .01
73 - .01
74 - .01

LOCATION	YR.	1ST. QTR.	2ND. QTR.	3RD. QTR.	4TH. QTR.	YR. AVG.
	70		1.1	.8		
	71	1.0				
	72	.8	.5	.5	.5	.61
TEXARKANA						
STYE 001	70	.9		.6	1.0	
	71	1.7	2.2			
	72			1.5		
	73		.3			
	74				.5	
WEST MEMPHIS						
STYE 001	70	.9	1.3	1.3	1.6	1.30
	71	1.0	1.2	.6	2.2	1.25
	72	.5	.8	.1		
	73		.6	.6	.6	
	74	.6	1.0	.8	1.8	1.09
CALIFORNIA						
ANAHEIM						
STYE 001	70	1.5	1.9	2.0	1.8	1.79
	71	3.2	1.9	2.0	1.7	2.21
	72	1.0	1.4	.9	1.1	1.11
	73	1.1	1.3	1.2		
	74	1.2	1.0	1.0	1.4	1.17
BERKELEY						
STYE 001	70	.7	.9	1.1		
	71			.6	.8	
	72	.6	.3	.5	.3	.43
	73	.3	1.0	.3	.6	.55
	74	.3	.3	.5	.4	.35
BURBANK						
STYE 002	70	1.6	2.6	2.9	1.7	2.27
	71	2.7	2.7	2.5	2.0	2.48
	72	1.9	1.9	.2	.6	1.13
	73	.9	1.9	3.5	1.7	1.97
	74	1.1	1.1	.5	1.3	.95
FRESNO						
STYE 002	70	1.2	1.2	2.6	1.7	1.67
	71	.8	1.6			
	72	.6	1.8	.9	1.2	1.12
	73	1.1	2.1	2.0	2.3	1.87
	74	.9	1.1	2.0	2.0	1.50
GLENDALE						
STYE 001	70	1.0	1.3	1.7	1.1	1.27
	71	1.2	1.1	1.4	1.4	1.27
	72	1.1	.9	.9	.9	.97
	73	.9	.5	1.6	.7	.86
	74	.7	.9			
LONG BEACH						
STYE 001	70	1.7	1.1	1.8	1.5	1.52
	71	1.1	1.7	1.9	1.9	1.44
	72	1.8	1.0	1.0	.8	1.05
	73	.9	1.5			
	74	2.5	1.5	1.9	1.3	1.67
LOS ANGELES						
STYE 001	70	2.9	1.9	2.4	1.8	2.05
	71	2.3	2.1	2.1	3.4	2.48
	72	2.7	1.2	1.5	1.9	1.81
	73	1.3	1.2	2.2		
	74	1.1	1.9	1.3	1.7	1.78
OAKLAND						
STYE 001	70	1.0	1.7	2.1	1.5	1.56
	71	2.0	1.9	1.9	1.8	1.69
	72	.5	.7	.9	.7	.68
	73	.6	1.7	1.0		
	74	.7	1.1	.9	1.5	1.08
ONTARIO						
STYE 001	70	2.4	1.0	4.1	2.2	2.94
	71	2.9	2.9	4.8	3.1	3.42
	72	1.9	1.2	1.7	2.1	1.69
	73	1.1	1.5			
	74	1.6	4.2			

POLLUTANT : 17126 - IRON
METHOD : HI-VOL EMISSION SPECTRA FLOW TEMP ASH
UNITS : UG/CU METER (25 C)
DATA TYPE : QUARTERLY COMPOSITE
PROJ. CLASSIFICATION : URBAN
ANALYTICAL QUALITY : 25(+-12%,95%

LOWER DISCRIMINATION LEVEL (LDL)
70 - .01
71 - .01
72 - .01
73 - .01
74 - .01

LOCATION	YR.	1ST. QTR.	2ND. QTR.	3RD. QTR.	4TH. QTR.	YR. AVG.
CALIFORNIA						
PASADENA						
SITE 001	71	1.9	1.7	1.0	1.1	1.40
PASADENA						
SITE 002	70	1.6	1.8	2.9	.6	1.71
	72		.9	.7	.7	
	73	.7	1.7			
	74	1.0	1.7	1.1	1.1	1.10
RIVERSIDE						
SITE 001	70	1.0	2.1	1.2	1.0	1.67
	71	2.1			2.7	
	72	1.0	.9	1.7		
SACRAMENTO						
SITE 001	70	.4	1.2	1.2	1.7	1.13
	71	.7	1.1	1.7	1.0	1.10
	72	.8	.7	1.0	.9	.62
	73	.5	1.2	2.0	.7	1.12
	74	.0	1.2	1.0	.9	1.03
SAN BERNARDINO						
SITE 001	70	1.0	2.7	5.1	1.7	2.98
	71	1.7	2.0	4.0	1.7	2.67
	72	2.0	2.4	2.7	1.1	2.22
	73	1.0	2.1	2.7		
	74	1.7	1.7	2.1	1.0	1.83
SAN DIEGO						
SITE 001	70	1.0	.6	1.2	1.7	1.09
	71	1.2	.6	1.0		
	72	.8	.8	.6	.6	.66
	73	.9	1.0	.8	1.0	1.01
	74	1.6	.0	.5	.0	.95
SAN FRANCISCO						
SITE 101	70	.6	.7	.6	.8	.69
	71	.7	.4	.6	.7	.71
	72	.6	.7	.5	.6	.57
	73	.6	.9	.6	.6	.63
	74	.6	.7	.8	.7	.90
SAN JOSE						
SITE 002	70	1.1	1.7			
SAN JOSE						
SITE 003	70			2.1	2.2	
	71	2.8	2.9	2.6		
SAN JOSE						
SITE 004	72	1.0	1.7	1.2		
	73		1.0	.9	1.0	
	74	.9	.7	1.0	1.0	.91
SANTA ANA						
SITE 001	70	1.8	2.0	2.8	.6	1.55
	71	2.0	2.1	2.7	2.1	2.01
	72	1.7	.9	1.2	.7	1.13
	73	.9	1.0	.9	.9	.93
	74	.9	.9	.6	1.0	.99
TORRANCE						
SITE 001	70	1.0	1.7	.9	1.0	1.22
	71	2.1	1.8	.9		
	72	.9	1.0		.9	
	73	.9	1.1	.9	1.7	1.11
	74	1.1	.9	.6	1.0	.89
COLORADO						
DENVER						
SITE 001	70	2.0	1.9	1.0	2.2	2.11
	71	2.7	2.2	1.0	4.2	2.47
	72	2.1	1.5		2.0	
	73	4.7				
CONNECTICUT						
BRIDGEPORT						
SITE 001	70	1.1	.6	1.0	.0	.93
	71	1.2	1.0	.8	.0	.96
	72	.6	.8	.7	.8	.52

LOCATION	YR.	1ST. QTR.	2ND. QTR.	3RD. QTR.	4TH. QTR.	YR. AVG.
	73	.6	.8	.5	.5	.62
	74	.8	.7	.5		
HARTFORD						
SITE 001	70	1.1	.9	1.0	.9	.85
	71	1.6	1.2	.7	1.4	1.21
	72	1.4		.7	.6	
	73	.9				
	74	.7	.7	.8	.5	.69
NEW HAVEN						
SITE 001	70	1.8	1.1	1.1	1.1	1.17
	71	1.7	1.5	1.4	1.4	1.50
	73	.7				
	74	.8	.8	.6	.7	.69
WATERBURY						
SITE 001	70	1.7	1.3	.7	.9	1.05
	71	2.1	1.8	1.2	1.7	1.71
	72	1.1	.8	.8	.5	.79
	73	1.1	.8	.5	.7	.76
	74	1.1	.9	.8	.8	.97
DELAWARE						
NEWARK						
SITE 001	70	1.3	1.6	2.0	1.6	1.63
	71	1.9	1.5	1.7	2.1	1.66
	72	.7	.6	.9		
	73	1.1	.7	1.1	1.1	1.01
	74	.5		.7		
WILMINGTON						
SITE 001	70	1.6	2.0	2.0		
	71	2.7			2.6	
	72	1.1	1.9	1.1	1.0	1.14
	73	1.7			1.1	
	74	1.1			.8	
DISTRICT OF COLUMBIA						
WASHINGTON						
SITE 001	70	.9	1.1		.9	
	71	1.5	1.5	1.6	1.7	1.42
	72	1.1	1.0		.8	
	74	.6				
FLORIDA						
JACKSONVILLE						
SITE 002	70	.6	1.7	.7	.9	.87
	71	.7	.9	.9	.6	.59
	72	.9	.8	.2	.3	.28
	73	.9	.5	.9	.6	.90
	74			.8	.3	
MIAMI						
SITE 002	70	.5	.8	.7	.8	.69
	71	.7	.7	.4	.5	.57
	72	.2	.8	.5	.7	.35
	73	.3	.8	.5		
	74	.9	.5	.9	.3	.37
ST PETERSBURG						
SITE 002	70	.8	.2	.7	.9	.38
	71	.5	.5	.7	.5	.54
	72	.9	.9	.3	.9	.27
	73	.7		.3		
	74			.1	.9	
TAMPA						
SITE 002	70	.7	.8	1.6	.9	.88
	71	1.7	.7	1.2		
	72	.7	.6	1.0	.6	.77
	73	.7			.5	
	74		.6	.5	.8	
GEORGIA						
ATLANTA						
SITE 001	70	1.7	1.7	1.7	1.6	1.59
	71	1.5	2.1	1.6	1.7	1.65
	72	.8	1.4	1.0	1.2	1.10
	73	1.1	.9	.8	.8	.96
	74	.7	.5	.5	.8	.67

POLLUTANT : 17126 - TPON
METHOD : HI-VOL EMISSION SPECTRA (FLOW TEMP ASH)
UNITS : UG/CU METER (25 C)
DATA-TYPE : QUARTERLY COMPOSITE
PROJ. CLASSIFICATION : URBAN
ANALYTICAL QUALITY : 95(+-)9.0%

LOWER DISCRIMINATION LEVEL (LD)
70 - .01
71 - .01
72 - .01
73 - .01
74 - .01

LOCATION	YR.	1ST. QTR.	2ND. QTR.	3RD. QTR.	4TH. QTR.	YR. AVG.
COLORADO						
COLUMBUS						
SITE 001	70	.9	1.1	1.1	.5	.90
	71	1.0	1.1	.7	1.1	1.03
	72	.7	.7	.8	.8	.52
	73	.8	.7	.5	.5	.56
	74		.5	.5	.7	
SAVANNAH						
SITE 001	70	.7	.8	.8	1.1	.91
	71	.9	1.1	.6	.8	.83
	72		.9		.8	
	73	.7	1.2	.5		
HAWAII						
HONOLULU						
SITE 001	70	.5	.8	.5	.5	.53
	71	.9	.6	.8	.9	.81
	72		.9	.4	.7	
	73	.8	.5	.8	.3	.41
	74	.5	.8	.6	.5	.52
IDAHO						
BOISE CITY						
SITE 001	70	1.0	.8	1.1	.8	.95
	71	1.2	1.1	1.8	.9	1.27
	72	.6	.7	1.0	.5	.69
	73	.5	1.1	1.5	.8	.89
	74	.8	1.0			
ILLINOIS						
CHICAGO						
SITE 001	70	LD	LD	LD	LD	
	71	2.8	4.9	2.5	1.9	2.89
	72	1.7	.8	1.7	1.8	1.42
	73			1.1		
	74				.9	
EAST ST LOUIS						
SITE 001	70	2.1				
	71	2.1	3.6	1.6	2.7	2.46
	72	1.7	2.8	1.2	1.9	1.76
	73	1.8		1.8		
	74			2.8		
EAST ST LOUIS						
SITE 008	70			2.5		
JOLIET						
SITE 001	70	1.9	1.3	2.0		
	71	1.7	2.8	2.1		
	72	.8	2.2	1.5	1.1	1.48
	73	.9	1.3	1.3		
MOLINE						
SITE 001	72		1.8	1.1	.9	
	73	1.2	1.0	.6		
	74	1.1	.7	1.0	.8	.92
NORTH CHICAGO						
SITE 002	70	1.1	4.5	1.4	1.0	2.26
	71	1.0	2.5	1.7	1.5	1.68
	72	.9	2.0	1.1	1.0	1.33
	73	1.0	.5	.8		
	74	.9				
PEORIA						
SITE 001	70	3.2	3.7	4.6	3.7	3.70
	71	2.0	2.5	2.2	2.3	2.46
	72	1.5	1.5	1.2	1.0	1.32
	73	1.2	.6	1.8		
ROCKFORD						
SITE 001	70	.9	1.5			
	71	1.0		1.0		
	72	.9	1.2	1.1		
	73		.5			
	74				.7	
ROCK ISLAND						
SITE 001	70	.9	1.6	1.2	1.9	1.37
	71	1.3	2.3	1.5	2.0	1.78
	72	.5	1.2	1.0		
	73		.1	1.0		
	74		1.0	.8	.9	
SPRINGFIELD						
SITE 001	70	1.1	1.6	1.1	1.1	1.23
	71	1.3	1.8	1.4	1.7	1.56
	72	1.1	1.4	1.1	.8	1.09
	73	.7	.8	.6		
	74	.7	.9	1.2	1.0	.99
INDIANA						
EAST CHICAGO						
SITE 001	70	7.9	10.2	8.2	9.1	9.87
	71	7.8	10.6	6.8	8.1	8.81
	74	1.9	8.9	8.7	8.2	8.40
EVANSVILLE						
SITE 001	70	1.5	1.7	1.7	1.7	1.65
	71	1.2	1.9	.9	1.2	1.29
	72	1.5	1.5	1.0	1.1	1.26
	73	.9	.9	1.2		
	74		1.1	.9	.3	
FORT WAYNE						
SITE 001	70	1.9	1.1	.9	1.6	1.25
FORT WAYNE						
SITE 002	71	.8	1.6	1.6	1.7	1.42
	72	.5	.9	1.0	1.0	.86
	73	.7	.9	1.0		
GARY						
SITE 001	70	5.7	6.9	5.4	5.2	5.80
	71	8.1	5.1		7.1	
	72	2.8	3.8	3.0	1.9	2.87
	73	2.8	2.8	2.6		
	74	1.4	1.7	2.5	1.6	1.79
HAMMOND						
SITE 001	70	5.1	2.9	3.6	5.3	4.08
	71	1.8	7.3	3.8	8.1	6.25
HAMMOND						
SITE 002	72	1.4	6.9	1.0	1.7	3.13
	73	2.2	2.1	1.8		
	74	1.7	2.1	2.8	1.3	1.99
INDIANAPOLIS						
SITE 001	70	1.3	1.6	1.9	2.0	1.71
	71	1.7	1.8	1.9	1.9	1.68
	72	1.4	2.0	1.5		
	74		1.2	1.4		
MUNCIE						
SITE 001	70	1.3	1.3			
	71			1.2	2.0	
	72	1.2				
NEW ALBANY						
SITE 002	70	2.1	1.1	.9	1.2	1.34
	71	1.5				
	72		1.1	1.2	.9	
	73	.6	1.0	.8		
	74		.9			
SOUTH BEND						
SITE 002	70	2.1	.6	1.7	1.5	1.47
	71	1.5	2.3	1.4		
	72		1.6	1.7	.9	
	73	.7	1.1	.8		
	74	1.0	1.2	.6	1.1	.98
TERRE HAUTE						
SITE 001	70	2.4	1.6	2.0	2.1	2.02
	71	1.6		2.0		
	72	1.3	1.5	.9	1.2	1.22
	73	.7	.9			
	74		1.8	1.2	1.1	

POLLUTANT : 12126 - TRON
METHOD : HI-VOL EMISSION SPECTRA FLOW TEMP ASMI
UNITS : UG/CU METER (25 C)
Data TYPE : QUARTERLY COMPOSITE
PROJ. CLASSIFICATION : URBAN
ANALYTICAL QUALITY : 75(+-)38.0%

LOWER DETERMINATION LEVEL (LD)
70 - .01
71 - .01
72 - .01
73 - .01
74 - .01

LOCATION	YR.	1ST. QTR.	2ND. QTR.	3RD. QTR.	4TH. QTR.	YR. AVG.
IOWA						
CEDAR RAPIDS						
STYE 001	70	1.6	1.5	1.1	1.5	1.41
	71	1.7	1.8	1.8		
	72	.8	1.2	1.0	1.0	1.02
	73	.5	.9	1.0	.9	.83
	74	1.0	.1	.9	.9	.70
DAVENPORT						
STYE 001	70	2.7	1.1	1.9	2.0	2.07
	71	LD		2.9	3.5	
	72	2.7	1.6	1.3	1.7	1.84
	73	1.8	1.5	1.0	1.0	1.22
	74	.5	1.1	1.5	.9	1.03
DES MOINES						
STYE 001	70	1.7	1.5	2.3	2.7	1.85
	71	1.5	2.8	2.2	3.5	2.79
	72	1.0	2.2	1.2	1.1	1.45
	73	.9	1.2	1.7	1.1	1.20
	74	.9	1.7	.9	1.0	1.13
DUBUQUE						
STYE 001	70	2.5	4.1			
DUBUQUE						
STYE 002	71		2.6			
	72	.8	1.6	.6	1.9	1.15
	73	1.7	.7	.5	.9	1.04
	74	.5	.7	.8	.8	.65
DUBUQUE						
STYE 008	74	.5	.4	.7	.2	.46
WATERLOO						
STYE 001	71		1.9	1.7	1.8	
WATERLOO						
STYE 004	72	2.9	.8			
	73		1.0	.5	.5	
	74	.9	.9	.6	.6	.76
KANSAS						
KANSAS CITY						
STYE 002	70	2.7	1.8	2.1	2.0	2.37
	71	2.8	2.1	2.2	2.8	2.47
	72	1.7	1.9	.7	1.7	1.40
	73	1.0	2.5	1.1	.9	1.40
	74	1.2	1.0	1.3	1.9	1.35
KANSAS CITY						
STYE 012	74		1.0	1.4	.9	
TOPEKA						
STYE 001	70	.7	.9	1.0	1.1	.93
	71	2.9	2.0	1.6	1.7	1.97
	72	.9	.9	.7	.6	.76
	73		.7	.3	.9	
	74	.6	.8	.5	.8	.68
WICHITA						
STYE 001	70	.7	1.0	1.4	1.0	1.00
	71	1.8	1.9	1.2	.9	1.35
	72	.9	1.2	.9		
	73	.8	.9	.5	.7	.69
	74	.5	.7	.9	.9	.71
KENTUCKY						
ASHLAND						
STYE 002	70	8.6	7.3	8.2	9.6	8.17
	71	8.9	8.9	8.1		
	72	7.9	5.9	7.0	7.6	7.68
	73	9.6	7.5		9.7	
	74	9.9	7.9	9.2	2.9	7.05
BOWLING GREEN						
STYE 001	70	.9	.7	.9	.7	.79
	71	.9	1.3	.9	.7	.96
	72	.7	1.0	1.4	1.4	1.01
	73	.5	.8		.7	
	74	.6	.5	.8	.8	.68
COVINGTON						
STYE 001	70	3.0	4.9	3.6	2.8	3.32
	71	3.9	5.2	2.8	4.3	3.86
	72	3.7	1.6	2.2	1.9	2.31
	73	.8	.9			
	74	1.3	1.2	2.3	.9	1.40
LEXINGTON						
STYE 001	70	1.1	.7	.8	.9	.87
	71	1.7	1.5	1.2	1.8	1.35
	72	.7	.5	1.0	.9	.71
	73	.7	.8			
	74				.5	
LOUISVILLE						
STYE 002	72	1.1	1.4			
	73			1.0	.7	
	74		.8	1.0	.9	
LOUISVILLE						
STYE 003	70		1.5	1.5	2.1	
	71	2.0	2.1	2.5	2.1	2.18
LOUISIANA						
BATON ROUGE						
STYE 001	70	.6	.7	.5	.7	.63
	71	.7	.8	.7	.7	.72
	72	.6	.8	.3	.1	.37
	73	.3	.3	.7		
	74	.8	.8	.5	.8	.80
NEW ORLEANS						
STYE 002	70	.8	1.5	1.2	.9	1.08
	71	1.1	1.0	1.0	1.0	1.03
	72	.6	.9	.7	.5	.68
	73	.5	.6	.8		
	74	.6	.7		.7	
SHREVEPORT						
STYE 001	70	.8	.8	1.7	2.2	1.87
	71	2.1	2.8	3.0	2.6	2.78
	72	1.6	1.8	2.3	1.8	1.88
	73		1.1	1.1	1.8	
	74	1.4	1.5	1.1	1.0	1.28
MAINE						
PORTLAND						
STYE 002	70	.7	1.0	1.3	.6	.87
	71	2.1	1.8	1.7	.9	1.47
	72	.4	.5			
	73		.7			
	74	.6	1.1	.5		
MARYLAND						
BALTIMORE						
STYE 001	70	2.0	2.0	3.4	1.9	2.16
	71	2.9	2.6		2.0	
	72	1.9	1.7	2.0	1.6	1.68
	73	1.7	1.0	.6	.9	.89
	74	1.5	.9	1.7	1.2	1.22
MASSACHUSETTS						
BOSTON						
STYE 001	70	1.1		1.7	.8	
	71		1.1			
	72	.5	.8	1.5		
	73				.9	
	74		.6	.7		
CAMBRIDGE						
STYE 001	70		.6		.8	
	71	1.0	1.7	1.2	2.0	1.35
	72		.5			
	73			.7	.1	
	74		.8	.7		

POLLUTANT : 12128 CARBON
METHOD : HI-VOL EMISSION SPECTRA (LOW TEMP ASH)
UNITS : UG/CU METER (25 C)
DATA TYPE : QUARTERLY COMPOSITE
PROJ. CLASSIFICATION : URBAN
ANALYTICAL QUALITY : ZERO+-139.087

LOWER DISCRIMINATION LEVEL (LD)
70 - .01
71 - .01
72 - .01
73 - .01
74 - .01

LOCATION	YR.	1ST. QTR.	2ND. QTR.	3RD. QTR.	4TH. QTR.	YR. AVG.
*MASSACHUSETTS						
FALL RIVER						
SITE 002	70	.8	1.0	.6	.4	.71
	71	1.7	1.0	.8	.7	.98
	72			.8	.7	
	73		.7	.8		
	74					
NEW BEDFORD						
SITE 001	70		.8			
	72		.1			
	73			.2	.1	
	74		.7	.6		
SPRINGFIELD						
SITE 002	70	1.6	.9	.8	.9	1.08
	71	1.0	1.0			
	72		.5	.7	.5	
	73	.9	.6			
	74		1.0	1.0		
WORCHESTER						
SITE 001	70	1.0	2.8	1.6	1.1	1.88
	71	4.7	4.0	1.8	4.1	3.70
	72	3.6	1.2	1.0	1.8	1.77
	73	1.0	.8		.7	
	74		.9			
*MICHIGAN						
DEARBORN						
SITE 001	70	1.8	4.1	3.1		
	71		3.5	4.1		
	72	1.8	1.1	3.7		
	74	.9	2.8	2.0	.9	1.53
DETROIT						
SITE 001	70	1.5	4.7	3.2	3.3	3.15
	71	2.9	2.1	1.9	3.4	2.67
	74			2.0	1.7	
FLINT						
SITE 001	70	.9	1.7	1.8	1.7	1.47
	71	1.5	1.5	1.5	1.8	1.50
	72	.8	1.2	.9		
	73	.7	.9	1.4		
	74				1.1	
GRAND RAPIDS						
SITE 001	70	1.2	1.1	1.8	1.0	1.37
	71	1.1	1.7	1.5	1.5	1.47
	72	.7	1.8	1.0	.9	.96
	73	.7	.9	.9		
LANSING						
SITE 001	70	2.5	2.2	1.5	1.5	1.92
	71	1.6	2.9	2.7	1.9	2.17
	72			1.5	1.7	1.7
	73	.9	.7	.5		
	74	.7	.8	1.9		
SAGINAW						
SITE 001	70	1.6	1.8	2.2	1.9	1.87
	71	1.2	2.0	1.4	1.8	1.93
	72	1.0	2.0	1.7		
	73	.9	.8	1.1	.6	.78
	74	.9	1.1	1.0	.7	.96
TRENTON						
SITE 001	70	2.6	2.3	2.1	1.5	2.11
	71	1.7	2.7	2.7	1.9	2.39
	72	1.7	1.9	1.4	.7	1.42
	73	1.0	.8	1.2		
	74		.9	2.1		
*MINNESOTA						
DULUTH						
SITE 001	70	2.1	2.1	2.2	1.4	2.35
	71	1.5	2.6	1.9	1.7	1.91
	72	1.0	2.5	1.6	2.6	1.97

LOCATION	YR.	1ST. QTR.	2ND. QTR.	3RD. QTR.	4TH. QTR.	YR. AVG.
	73	1.0	.6	.8		
	74	.6	1.0	.8	.7	.80
MINNEAPOLIS						
SITE 001	70	1.1	1.1	.9	1.7	1.24
	71	1.7	1.6	1.7	1.1	1.67
	72	1.6		.7	.8	
	73	1.7		.2		
	74			.7		
MOORHEAD						
SITE 001	70	.8	1.7	.9	1.0	1.00
	71	.8	1.1	.9		
	72	.6		1.7		
	73	1.7				
ST PAUL						
SITE 001	70	1.9	1.6	1.5	2.0	1.74
	71	1.9	1.2	.8		
	72	1.5	2.4	.8	1.0	1.42
	73	.8	.8	.7		
	74	.6	1.0	.9	1.5	.98
*MISSISSIPPI						
JACKSON						
SITE 002	70	.9	1.7	.7		
	71	.6	1.8			
	73	1.6	.8	.8	.5	.87
	74	.5	.8	1.2	.9	.87
*MISSOURI						
KANSAS CITY						
SITE 002	70	1.6	1.8	1.7	1.0	1.30
	71	1.6	1.8			
	73	2.0	1.7	.9	.5	1.27
	74	1.9	.7	.8		
ST LOUIS						
SITE 001	70	4.2	1.0		2.5	
	71	2.8	2.1	.9	1.9	2.15
	72	1.6	1.8	.9	1.5	1.45
	73				.9	
	74	1.3	1.2	1.4	1.1	1.34
*MONTANA						
HELENA						
SITE 001	70	1.8	.7	.7		
	71	1.0	1.0	.9	.7	.91
	73		.8			
*NEBRASKA						
LINCOLN						
SITE 002	70	1.4	.9	.9	.9	1.07
	71	1.0	1.0	1.2	.7	.98
	72	1.2	.9	.5	.7	.82
	73	.6	.5	.3	.1	.43
	74	.6	.7	.5	.9	.68
OMAHA						
SITE 001	70	2.4	1.9	2.8	1.5	2.18
	71	2.1	2.7	1.7	2.4	1.97
	72	1.2	1.5	1.9	2.1	1.66
	73	.6	1.2	.9	.9	.90
	74	2.1	.9	.9	.5	.97
*NEVADA						
LAS VEGAS						
SITE 001	70	1.5	1.0	1.2		
	71	1.5	1.2	2.4		
	72	1.0				
	74		.9		.7	
RENO						
SITE 001	70	2.5	1.0	2.8		
	71	2.6		3.1		
	72	1.8	.9	.8	1.2	1.29
	73	2.4	.7	1.2	1.2	1.28
	74	.7	1.1	1.4	1.2	1.16

POLLUTANT : 12126 - IRON
METHOD : HI-VOL EMISSION SPECTRA (LOW TEMP ASH)
UNITS : UG/CU METER (25 C)
DATA TYPE : QUARTERLY COMPOSITE
PROX. CLASSIFICATION : URBAN
ANALYTICAL QUALITY : PRECISION=30.0%

LOWER DISCRIMINATION LEVEL (LDL)
70 - .01
71 - .01
72 - .01
73 - .01
74 - .01

LOCATION	YR.	1ST. QTR.	2ND. QTR.	3RD. QTR.	4TH. QTR.	YR. AVG.
NEW HAMPSHIRE						
CONCORD						
SITE 001	70	.7	.4	.6	.5	.55
	71	.6	.9	.8	1.2	.88
	72	.3	.5	.4	.3	.36
	73	.8			.8	
	74	.6	.3	.3		
NEW JERSEY						
BAYONNE						
SITE 001	70	1.5	2.5	LD		
	72		.8	1.2	.8	
	74		1.0	.8	.8	
BURLINGTON CO						
SITE 002	70	1.8	2.2	1.5	1.6	1.79
	71	2.6	2.6	1.7	1.9	2.22
CAMDEN						
SITE 001	70	2.7	2.8	2.4	2.5	2.62
	71	2.7	2.1			
	72		1.7	2.6		
	73			1.9	1.6	
	74	1.6	1.9			
CAMDEN CO						
SITE 002	73		1.2	1.0		
ELIZABETH						
SITE 002	70	2.2	1.8	1.2	1.8	1.63
	71	2.6	1.9	1.7	2.1	2.04
	72	.9	1.1	.8		
	73			1.3	1.2	
	74	2.1	1.7	1.2	.6	1.29
GLASSBORO						
SITE 001	70	1.2	.9	1.0	.9	1.02
	71	1.0	1.1	1.0		
	72	.6	.6	.6	.8	.56
	73			.5		
	74	.5	.5	.4	.8	.41
HAMILTON						
SITE 001	70		2.1	2.1	LD	
	71	2.9	2.1			
JERSEY CITY						
SITE 001	70	1.7	2.2	1.6	1.6	1.78
	71	1.9	1.9	2.0	2.1	1.99
	72	1.2	.7	1.2	.9	1.00
	73		.9	1.2		
	74		1.8		.6	
NEWARK						
SITE 001	70	1.2	2.4	1.6	1.6	1.71
	71	1.9	1.8	1.5		
	72	.8	1.0	1.2	.6	.89
	73			1.0	.8	
	74	.8	.8	1.2	1.1	.96
PATERSON						
SITE 001	70	1.9	2.6	1.0	1.1	1.64
	71	1.2	1.2			
	73				.5	
	74	.8	.9	.6	.3	
					.6	
PERTH AMBOY						
SITE 001	70	2.5	2.1	2.0	1.3	1.99
	71	2.0	1.8	2.8	2.8	2.58
	72	1.9	2.0	1.2	1.1	1.68
	73			1.9		
	74			1.4		
TRENTON						
SITE 001	70	1.9	1.1	2.4	2.0	1.87
	71			2.7		
	72	1.6	1.1	1.9	1.2	1.47
	73			.3	1.7	
	74	1.5	1.3	1.4	1.4	1.40

LOCATION	YR.	1ST. QTR.	2ND. QTR.	3RD. QTR.	4TH. QTR.	YR. AVG.
NEW MEXICO						
ALBUQUERQUE						
SITE 001	70	1.2	2.1	1.5	2.1	1.73
	71	2.1	2.1	1.8	1.4	1.90
	72	1.9	1.6	1.2	.6	1.33
	73	.7	1.1	.7		
	74	1.1	1.1	.6	1.6	1.09
NEW YORK						
ALBANY						
SITE 001	70	1.0	1.7	1.9		
	71	1.0	1.1	.9		
	72	.4	.7	.6	.4	.53
	73		.8		.5	
	74	.7	.5	.8	.6	.62
BUFFALO						
SITE 001	70	2.1	3.3	3.5	2.8	2.90
	71	2.5	2.4	2.2	2.0	2.36
	72	1.0	.2	1.2	1.6	1.02
	73		1.0	1.7	1.0	
	74	.9	1.2	1.5	1.3	1.25
NEW YORK CITY						
SITE 001	70	2.1	2.0	1.7	1.5	1.82
	71	2.0	2.5		2.0	
	72	.9	1.4	1.1	1.3	1.19
	73		1.2	1.5	1.5	
	74	.7	1.8	1.4	1.7	1.23
NIAGARA FALLS						
SITE 001	70	5.7	2.6	2.9	1.7	3.12
	71	3.1	3.2	3.0	3.2	3.09
	72	1.2	1.7	1.6	1.2	1.44
	73			1.6	1.8	
	74	1.3	.5	1.1	.7	.90
ROCHESTER						
SITE 001	70	2.7	2.8	2.1	1.7	2.24
	71	1.4	2.3	1.7	1.5	1.72
	72	.8	1.3	1.3	.8	1.04
	73		.7	1.0	1.0	
	74	.6	1.0	.9	.8	.83
SYRACUSE						
SITE 001	70	1.1	1.8	1.4	1.1	1.36
	71	1.7	2.1	1.3	1.7	1.59
	72	.7	1.4	1.1	1.0	1.18
	73		.7	.7	.3	
	74	1.0	.8	.6	1.1	.86
UTICA						
SITE 001	70	1.1	1.4	1.8	1.4	1.41
	71	1.0	2.4	1.5	1.2	1.52
	72	.6	1.3	.7	.4	.77
	73				.6	
	74		.6		.8	
YONKERS						
SITE 001	70	1.0	2.1	1.4	.6	1.27
	71	2.0		2.0	1.3	
	72	.8	1.1	1.6		
	74			.9	.3	
NORTH CAROLINA						
CHARLOTTE						
SITE 001	70	1.8	1.6	.8	1.7	1.34
	71	1.7	2.2			
	72	.4	.8	.9	.6	.66
	73	.9	.5	.5	.8	.65
	74	.4	.4	.8	.6	.59
DURHAM						
SITE 001	70	1.1	1.2	1.3	1.8	1.38
	71		1.2	1.6	1.3	
	72	.6	1.3	.5	.7	.78
	73	1.3	1.1	1.0	.9	1.08
	74	.6	1.7	1.2	.9	1.00

POLLUTANT : 17126 - IRON
METHOD : HI-VOL EMISSION SPECTRA (LOW TEMP ASH)
UNITS : UG/CU METER (25 C)
DATA TYPE : QUARTERLY COMPOSITE
PROJ. CLASSIFICATION : URBAN
ANALYTICAL QUALITY : 25(+-139.08)

LOWER DISCRIMINATION LEVEL (LD)
70 - .01
71 - .01
72 - .01
73 - .01
74 - .01

LOCATION	YR.	1ST. QTR.	2ND. QTR.	3RD. QTR.	4TH. QTR.	YR. AVG.
NORTH CAROLINA						
GREENSBORO						
SITE 001	70	1.9	2.1	1.6	1.5	1.72
	71	1.9	2.0			
	72	1.1	1.6	1.2	1.6	1.29
	73	.9	.7	.7	1.0	.87
	74	1.7	1.1	1.0	.9	1.01
WINSTON-SALEM						
SITE 002	70	.8	2.7	1.3	2.1	1.71
	71	3.7	7.0	5.0	7.5	7.56
	72	1.9	1.7	1.7		
	73		1.3	.8	1.1	
	74	.	.9	1.1	1.7	.97
NORTH DAKOTA						
BISMARCK						
SITE 001	70	1.7	1.6	1.5	2.0	1.59
	71	.9	1.7	1.5	2.0	1.50
	72	1.0	1.5	1.7	1.1	1.33
	73	1.0	1.7	.8	.6	1.03
OHIO						
AKRON						
SITE 001	70	2.0	LD	3.2	2.6	2.17
	71	6.6	3.7	3.4	4.0	4.01
	72	2.1	1.6	1.9		
	73	1.6	1.7	2.0		
	74		2.0	2.0		
CANTON						
SITE 001	70	3.7	2.7	3.0	3.7	3.27
	71	2.8	6.7	3.5	4.2	4.21
	72	2.7		1.8	2.0	
	73	2.0	2.5	3.4		
	74		2.4	3.3	2.7	
CINCINNATI						
SITE 001	70	2.0	5.7	2.2	5.6	3.89
	71	6.4	4.7	2.1	3.8	4.03
	72	1.8	1.5	1.3	2.7	1.75
	74		1.1		.9	
CLEVELAND						
SITE 001	70	4.9	4.4	5.2	2.6	4.27
	71	6.7	4.0			
	72	3.0	3.9		3.5	
	74				2.0	
COLUMBUS						
SITE 001	70	1.7	2.1	1.9	1.9	2.12
	71	1.9	2.1	1.6	1.9	1.83
	72	1.1	1.5	1.4	1.5	1.37
	73	.7				
	74				1.7	
DAYTON						
SITE 001	70	.8	2.9	2.2	1.7	1.80
	71	1.8	3.1	2.3	2.8	2.78
	72	1.7	2.0	2.0	1.7	1.82
	73	.9	1.7	2.5		
	74	1.8			.9	
IRONTON						
SITE 002	71	3.7	5.5	3.7	2.5	3.84
	72	3.0	4.3	2.6	1.9	2.95
	73	2.6	2.8	2.2		
	74		2.7			
PORTSMOUTH						
SITE 002	71	1.7	1.7	1.3	3.0	1.78
	72	.9	1.1	1.2	.7	.77
	73	.8	.8	1.1		
	74		.9			
STEUBENVILLE						
SITE 001	71	5.0	16.0	17.6	12.3	12.12
	72	2.8				
	73	4.9	1.8	6.9		
	74			5.9		

LOCATION	YR.	1ST. QTR.	2ND. QTR.	3RD. QTR.	4TH. QTR.	YR. AVG.
TOLEDO						
SITE 001	70	1.1	1.5	1.7		
	71	1.5	2.2	1.1	1.4	1.55
	72	1.0	1.8	1.0	1.4	1.28
	74		.6	1.2	.8	
YOUNGSTOWN						
SITE 001	70	4.6	3.2	8.9		
	71	7.7	10.4	5.2	4.3	5.64
	72	3.2	4.1	5.3	6.0	4.65
	73			3.2		
	74	1.8	3.3		3.1	
OKLAHOMA						
OKLAHOMA CITY						
SITE 001	70	.8	.6	.8	.9	.79
	71	1.5	1.5			
OKLAHOMA CITY						
SITE 015	72	.8	.8	.6	.4	.63
	73	.4	.6			
	74	.5	.5	1.1	.5	.64
OKLAHOMA CITY						
SITE 029	73	1.2	.8	.6		
	74	.9	1.1	1.1	1.2	1.07
TULSA						
SITE 001	70	.7	1.2	.9	.5	.81
	71	1.2	.9	.8	.9	.84
	72	.9	.7	.7		
	73	.5	.5	.6	1.4	.77
	74	1.0	1.1	.9	.4	.84
OREGON						
EUGENE						
SITE 001	70	1.0	.8	LD		
MEDFORD						
SITE 001	70	.9	1.0	1.3		
	71	1.7	1.1			
PORTLAND						
SITE 001	70	4.5	2.7	2.0	2.7	2.86
	71	2.4		2.6	2.4	
	72	.6	1.8	2.9	3.6	2.24
	73			1.0		
	74	.4	1.7			
PENNSYLVANIA						
ALLENTOWN						
SITE 001	70	2.1	1.4	2.7	2.8	2.27
	71	2.0	1.4	1.9	3.0	2.09
	72	1.6	1.0	1.7	.9	1.22
	73	.3	.5	.8	.5	.53
	74	1.3	.8	.9	.6	.89
ALTOONA						
SITE 001	70	4.4	4.7	4.6	4.0	4.29
	71	3.2	1.7	2.2	1.9	2.26
	72	1.2	1.2	3.0	1.5	1.70
	73	1.6	1.5	1.5	1.7	1.44
	74		1.5	3.1	1.0	
BETHLEHEM						
SITE 002	70	1.7	1.8	3.5	4.4	3.35
	71	2.9	2.1	2.6	1.8	2.34
	72	1.1	1.0	2.1	3.2	1.84
	73	1.1	1.7	1.3	1.7	1.53
	74	1.0	1.0	2.0		
CLEARFIELD CO						
SITE 001	72	.6	.7	.8		
ERIE						
SITE 002	70	1.6	5.2	3.2	2.9	3.24
	71	2.0	1.6	3.5	2.9	2.48
	72	1.8	1.7	5.1	2.6	2.82
	73	2.6	3.7	2.8	3.6	3.18
	74		2.9	2.1	1.5	

POLLUTANT : 17126 - IRON
METHOD : HI-VOL EMISSION SPECTRA (LOW TEMP ASH)
UNITS : UG/CU METER (25 C)
DATA TYPE : QUARTERLY COMPOSITE
PROJ. CLASSIFICATION : URBAN
ANALYTICAL QUALITY : 2514-139.081

LOWER DISCRIMINATION LEVEL (LDL)
70 - .01
71 - .01
72 - .01
73 - .01
74 - .01

LOCATION	YR.	1ST. QTR.	2ND. QTR.	3RD. QTR.	4TH. QTR.	YR. AVG.
PENNSYLVANIA						
HARRISBURG						
SITE 001	70	1.6	1.8	2.4	2.6	2.10
	71	2.7	2.9	2.1	2.7	2.58
	72	2.7	1.9	1.5	1.0	1.69
	73	1.1	.6		1.3	
	74		.8			
HAPLETON						
SITE 001	70	1.7	LD	LD	1.7	
	71	1.9	2.9	2.4	2.5	2.45
	72	1.9	1.5	1.1	1.7	1.65
	73	1.5	1.6	.7	1.1	1.22
	74	1.9	1.1	1.2	1.7	1.32
JOHNSTOWN						
SITE 001	70	8.7	8.1	7.9	7.7	8.50
	71	8.7	8.0			
LANCASTER CITY						
SITE 001	70	2.6	LD			
	71			2.5	2.2	
LANCASTER CITY						
SITE 002	70			LD		
	72		.7	1.9	.7	
	74	.6	1.1	1.0		
PHILADELPHIA						
SITE 001	70	4.0	3.9	3.8	2.6	3.44
	71	2.7	2.5	3.1	3.2	2.89
PHILADELPHIA						
SITE 004	72	2.2	2.0	2.5	1.0	1.93
	73	1.0				
	74	1.6	1.7	1.1	1.3	1.42
PITTSBURGH						
SITE 001	70	8.0	5.1	7.0	7.0	5.74
	71	8.7	5.2		5.2	
	74	3.0	3.0	2.8	2.0	2.70
READING						
SITE 001	70	2.5	1.8	2.5	2.3	2.29
	71	2.9	3.6	3.7		
	72	1.9	1.5	2.5	2.2	2.00
	73	1.1	.7	1.2		
SCRANTON						
SITE 001	70	3.1	3.1	2.2	3.5	2.99
	71	4.4	4.0	3.6	5.1	5.71
	72	3.9	3.5	2.8	4.1	3.54
	73	3.7	2.6	1.9	3.7	3.26
	74	3.5	2.7	1.9	3.9	2.88
WARMINSTER						
SITE 001	70	1.3	.9	.9	1.2	1.08
	71	1.2	1.4			
	74		1.7	.7		
WEST CHESTER						
SITE 001	70	1.3	LD	LD		
	71	2.1				
	73	.5	.8	.8		
WILKES-BARRE						
SITE 001	70	2.0	1.8	2.1	1.8	1.81
	71	2.6	2.0	1.7	2.2	2.13
	72	1.9	1.4	1.2	2.7	2.27
	73	1.2	.5	1.2	1.0	1.08
	74	1.3	1.4	.7	.9	1.06
YORK						
SITE 001	70	1.6	1.1	1.6	1.5	1.44
	71	1.5	1.5	.9	1.3	1.32
	72	1.0	1.1	1.3	1.2	1.14
	73	.9	.7	1.0	.9	1.07
	74	1.1				

LOCATION	YR.	1ST. QTR.	2ND. QTR.	3RD. QTR.	4TH. QTR.	YR. AVG.
PUERTO RICO						
BAYAMON						
SITE 002	70	1.6	2.4	2.2	2.5	2.24
	72	1.7	2.0	2.2	1.5	1.86
	73			1.5		
	74	1.0	1.1	1.7		
CATANO						
SITE 002	70	2.2	2.1	2.5	2.6	2.36
	72	1.3	1.0	1.5	1.4	1.30
	73		1.6	1.0	.8	
	74		.7	1.9		
GUAYANILLA						
SITE 002	70	.6	1.1	1.0	.6	.82
	72	.3	.8	.9	.8	.67
	73		.5	.7	.3	
	74	.3	.8			
PONCE						
SITE 002	70	1.4	1.6	1.2	.8	1.26
	72	1.1	1.1	1.7	1.7	1.30
	73		1.5	1.7	1.3	
	74	.7	1.1		1.1	
SAN JUAN						
SITE 001	70	.9	1.4	1.4	1.0	1.17
	72	1.6	1.3	2.3	1.7	1.72
	73		2.0	1.4	1.1	
	74	1.7	1.4	2.2		
RHODE ISLAND						
EAST PROVIDENCE						
SITE 001	70	.8	.6	.9	.5	.68
	71	1.1	.6	.9	1.1	.91
	72	.9	.4	.6	.5	.59
	73	.7	.3	.4	.3	.47
	74			.7		
PROVIDENCE						
SITE 001	70	1.1	1.2	1.1	.9	1.07
	71	1.3	.9	1.7	1.2	1.23
	72	.7	.8	.8	.5	.71
	73	.8	.8		.5	
	74	.6		.7	.6	
SOUTH CAROLINA						
COLUMBIA						
SITE 004	70	1.5	1.0	.8		
	71	1.4				
	72	.8	.9	.9	.6	.72
	73	1.0	1.0	.5	.6	.79
	74		.7	.6	.7	
GREENVILLE						
SITE 001	70	2.1	1.3	1.2	1.1	1.90
	71	1.6	1.3	1.0	1.2	1.28
	72	.8	1.0	.8	.9	.89
	73	2.0	.7	.8	.7	1.05
	74	.9	.7	.8	.5	.77
SOUTH DAKOTA						
SIOUX FALLS						
SITE 001	70	.7	LD	1.3	.9	.77
	71	1.1	1.5	1.9	1.4	1.18
	72	1.0	1.3	.9		
	73	.6	1.2	.8		
TENNESSEE						
CHATTANOOGA						
SITE 001	70	3.3	1.8	1.3	2.5	2.11
	71	2.8	5.3	3.8		
	72	1.4	2.3	1.0	1.7	1.85
	73	.9	1.6			
	74			1.4		
KNOXVILLE						
SITE 001	70	1.2	1.0	.7		

POLLUTANT : LEAD - LEAD
METHOD : HI-VOL EMISSION SPECTRA (LOW TEMP ASH)
UNITS : UG/CU METER (25 C)
DATA TYPE : QUARTERLY COMPOSITE
PROJ. CLASSIFICATION : URBAN
ANALYTICAL QUALITY : 95%+-139.68%

LOWER DISCRIMINATION LEVEL (LDL)
70 - .01
71 - .01
72 - .01
73 - .01
74 - .01

LOCATION	YR.	1ST. QTR.	2ND. QTR.	3RD. QTR.	4TH. QTR.	YR. AVG.
TENNESSEE						
KNOXVILLE						
SITE 002	71	1.7	1.8	1.7	1.6	1.50
	72	.7	.6	.7	.9	.74
	74		.6	.9	.6	
MEMPHIS						
SITE 001	70	.9	1.1	1.0	.8	.95
	71	.9	1.4	1.8	1.9	1.41
	72	1.7	.9	.8	.8	1.04
	73	1.0	1.2	1.0	.7	.96
	74	.7	1.1	.9	1.0	.90
NASHVILLE						
SITE 001	70	1.5	1.4	1.1	1.2	1.30
	71	1.7	2.0			
	72	1.7	1.0		1.2	
	73	1.5	.8	1.1	.4	.93
	74	.7	.9	1.0		
TEXAS						
AMARILLO						
SITE 002	71	1.7				
	74		1.1			
AUSTIN						
SITE 002	70			.2	.5	
	71	.9	.6	.8	.5	.69
	74	.1	.7			
BEAUMONT						
SITE 001	70			.7	.4	
	71	.5	.5			
	74		.7			
CORPUS CHRISTI						
SITE 001	70			.8	.6	
	71	.7		1.1		
	74		.8	.8		
DALLAS						
SITE 002	70	2.0	1.3	1.6	1.9	1.69
	71	2.2	1.7	1.4	1.1	1.50
	72	1.4	1.0	.6	1.7	1.19
	73	.9	.5		1.0	
	74	.7	.9	2.3	1.7	1.30
EL PASO						
SITE 002	70	2.5	2.6	1.8	6.4	2.81
	71	2.9	2.1	1.7		
	72	2.5	1.8	1.7	1.7	1.97
	73	1.5	2.0	1.3	1.3	1.56
	74	2.1	1.4	.9	1.1	1.38
FORT WORTH						
SITE 001	70	.9	.7	1.0	.7	.81
	71	1.5	1.7	1.2	.9	1.20
	72	.8	.9	.8	.5	.76
	73	.7	.8	.8	1.1	.83
	74	.5	.3	.9	.5	.50
HOUSTON						
SITE 001	70	.7	.9	.9	1.2	.92
	71	1.4	1.3	1.2	1.4	1.34
	72	.9	.3	.2	.8	.53
	73	1.3	1.5	.8	.9	1.11
	74	.8	1.3	1.3	1.2	1.16
LUBBOCK						
SITE 001	70			.9	1.0	
	73	2.4	1.3	1.3		
	74		1.8			
PASADENA						
SITE 002	70	.9	.4	1.4	2.2	1.33
	71	1.7	1.4	1.5	1.5	1.44
	72	.9	.6	.7	.8	.74
	73	1.7	2.2	.8	1.1	1.45
	74	1.5	.7			

LOCATION	YR.	1ST. QTR.	2ND. QTR.	3RD. QTR.	4TH. QTR.	YR. AVG.
SAN ANTONIO						
SITE 001	70	.5	.2	.5	.7	.46
	71	.9	.7	.7	.6	.71
	72	.6	.7	.5	.5	.87
	73	.5		.5	.9	
	74	.5	.6	.9	.6	.68
WICHITA FALLS						
SITE 001	70				.7	
	71	2.1	1.4	1.1		
WICHITA FALLS						
SITE 002	74	.4		1.2		
UTAH						
OGDEN						
SITE 001	70	1.3	1.2	1.6	1.1	1.30
	71	1.9	1.8	1.2	1.7	1.65
	72	1.9	1.2	1.2	.8	1.28
	73	1.1	1.2	1.0	1.2	1.12
SALT LAKE CITY						
SITE 001	70	1.2	1.0	1.5	1.2	1.36
	71	1.8	2.1		2.2	
	72	1.9	1.4	1.4	1.2	1.47
VERMONT						
BURLINGTON						
SITE 001	70	.7	.9	.8	.8	.80
	71	.7	.8	.8		
	72	.7				
	74	.6	1.0	.5	.9	.75
VIRGINIA						
DANVILLE						
SITE 001	70	1.5	1.4	1.4	1.7	1.42
	71	1.9	1.3	.9		
	72	.7	.7	.8	.5	.72
	73	.8				
	74	1.0	.6			
FAIRFAX CO						
SITE 001	71	.9	1.0	1.1	.9	.96
	72	.6	.5	.6	.5	.57
	73	.5	.3	.5		
HAMPTON						
SITE 001	70	1.0	1.1	.5	.6	.78
	71	.9	1.2	1.2	.9	1.03
	72	.7	.7	.5	.7	.58
	73	.8	.6	.8	1.0	.77
	74	.9	.1	.6	.6	.49
LYNCHBURG						
SITE 001	70	3.6	2.9	2.1	3.6	2.95
	71	2.8	2.5	1.7	2.1	2.51
	72	2.1	1.7	1.9	1.7	1.71
	73	1.9	.7			
	74			1.0	1.2	
NEWPORT NEWS						
SITE 001	70	1.2	1.1	1.1	1.1	1.11
	71	.7	.8	1.1	.9	.87
	72	.3	.2	.9		
	73	.7	.6	.7		
	74		.8			
NORFOLK						
SITE 001	70	1.2	1.1	.8	1.5	1.14
	71	1.3	1.5	1.4	1.7	1.38
	72	1.0	1.5	2.2	.9	1.48
	73	.8	.7	1.7	.7	1.01
	74	.7	.8	.9	1.1	.87
PORTSMOUTH						
SITE 001	70	.9	1.7	1.3	1.7	1.34
	71	1.3	1.5		1.8	
	72	1.1	1.4	.7	.8	.97
	73	.8	1.0	1.4	.7	1.11
	74		1.0		.4	

POLLUTANT : 12126 - IRON
METHOD : HI-VOL EMISSION SPECTRA (LOW TEMP ASH)
UNITS : UG/CU METER (25 C)
DATA TYPE : QUARTERLY COMPOSITE
PROJ. CLASSIFICATION : URBAN
ANALYTICAL QUALITY : 25(+-)12.0%

LOWER DISCRIMINATION LEVEL (LD)
70 - .01
71 - .01
72 - .01
73 - .01
74 - .01

LOCATION	YR.	1ST. QTR.	2ND. QTR.	3RD. QTR.	4TH. QTR.	YR. AVG.
VIRGINIA						
RICHMOND						
STTE 002	70	1.0	1.0	1.1	1.0	1.01
	71				1.6	
	72	.9	.7			
	73	.5	.6	.5	.5	.56
ROANOKE						
STTE 001	70	1.7	1.7	2.2	2.7	1.97
	71	3.0	2.6	2.6	2.6	2.65
	72	2.1	1.6	.0		
	73	.5		.5	.0	
	74	.5	.9	.5		
WASHINGTON						
SEATTLE						
STTE 001	70	1.0	1.0	1.0	.5	1.00
	71	1.0	1.1	1.7	1.2	1.99
	72	.7	.5	.6		
	73	1.0	.9	.9	.7	.98
	74	.7	.9			
SPOKANE						
STTE 001	70	2.0	.9	2.1	.8	1.46
	71	2.0	3.2	2.5	1.6	2.79
	72	2.7	1.1	2.2	1.0	1.75
	73	2.0	1.9	2.3		
	74	.9	1.7			
TACOMA						
STTE 001	70	1.5	.7	.9	.6	.93
	71	1.1	.9	1.2	.9	.87
	72	.9	.9	.7	.7	.83
	73	1.0	.7	.7	.5	.72
	74	.5				
WEST VIRGINIA						
CHARLESTON						
STTE 001	70	2.7	2.7	2.7	2.0	2.21
	71	2.7	3.4	2.2	2.7	2.78
	74	1.9	1.9	1.7	1.0	1.52
HUNTINGTON						
STTE 001	71		4.1	4.7	5.0	
HUNTINGTON						
STTE 005	72	1.1		1.2	2.0	
	73	1.7		2.5	2.5	
	74	2.9				
SOUTH CHARLESTON						
STTE 001	70	1.5	2.0	1.8	1.2	1.60
	71	2.0	2.0	1.5	2.2	2.16
	72	.7			.9	
	73	1.0	.9	.7		

LOCATION	YR.	1ST. QTR.	2ND. QTR.	3RD. QTR.	4TH. QTR.	YR. AVG.
	74	1.3	1.5	1.1	1.7	1.31
WISCONSIN						
EAU CLAIRE						
STTE 002	70	1.0	1.5	.9	1.2	1.15
	71	.7	1.1	1.0	.7	.88
	72	.7	.6	.9	.9	.94
	73	.9	.9	.7		
	74	.9				
KENOSHA						
STTE 001	70	1.3	1.7	1.7	1.0	1.40
	71	1.7	2.2	1.0	1.0	1.39
	72	.7	1.2	.7	1.2	.97
	73	.6	.5	.9		
	74				.5	
MADISON						
STTE 001	70	1.1	1.0	.9	.9	.97
	71	.8	1.0	1.1	.7	.90
	72	.7	1.0	.6	.5	.69
	73	.7	.6	.9		
	74	.8	.6	.5	.9	.69
MILWAUKEE						
STTE 001	70	1.7	1.7	1.9	2.5	1.96
	71	1.5	1.5	2.0	1.7	1.66
	72	1.7	1.7	1.9	1.7	1.92
	73	.8	.9	1.3		
	74			1.5	.7	
RACINE						
STTE 001	7	1.8	1.5	1.9	1.7	1.77
	71		1.6	1.2	2.8	
	72	.7	1.7	.7	.5	.81
	73	.5	.7	.9		
	74	1.7	.9	.7	.5	.84
SUPERIOR						
STTE 001	70	2.9	1.9	1.5	2.7	2.15
	71	3.0	2.3			
	72	.9	.9			
	73		.8		.9	
	74		.9			
WYOMING						
CASPER						
STTE 001	70	.5	1.1	1.2	.9	.78
	72		.7	.9	.9	
	73	.7	1.0	.7	.7	.78
CHEYENNE						
STTE 001	70	.9	.7	.5	1.1	.67
	72			.9	.2	
	73	.3				

POLLUTANT : 12126 - TSPM
METHOD : HI-VOL EMISSION SPECTRA (LOW TEMP ASH)
UNITS : UG/CU METER (25 C)
DATA TYPE : QUARTERLY COMPOSITE
PROJ. CLASSIFICATION : NON-URBAN
ANALYTICAL QUALITY : 25(+-)19.0%

LOWER DISCRIMINATION LEVEL (LD)

70 -	.008
71 -	.008
72 -	.006
73 -	.010
74 -	.010

LOCATION	YR.	1ST. QTR.	2ND. QTR.	3RD. QTR.	4TH. QTR.	YR. AVG.
*ARIZONA						
GRAND CANYON NAT						
SITE 001	70	.17	.68	.83	.27	.367
	71	.69	1.31	1.14		
	72				.08	
	73	.17	.24		.19	
	74	.15	.45	.65	.15	.299
MARICOPA CO						
SITE 005	73	.31		.40	.32	
	74	.15	.65			
*ARKANSAS						
MONTGOMERY CO						
SITE 001	70	.17	.32	.39	.24	.278
	71	.29	.59	.58		
	72	.27		.65	.29	
	73	.22	.87	.39		
	74	.11	.28	.63	.08	.216
*CALIFORNIA						
HUMBOLDT CO						
SITE 001	70	.17	.14	.44	.31	.264
	71	.19				
*COLORADO						
MESA VERDE NAT PA						
SITE 002	70	.10	.36	.35	.19	.249
	71	.17	.82	.39	.19	.382
	72		.40	.15	.05	
	73	.11	.28	.17	.05	.151
*DELAWARE						
KENT CO						
SITE 001	70	.62	LD	LD		
	71	.00			.43	
	72			.20	.48	
	73			.56		
*FLORIDA						
HARDEE CO						
SITE 001	70	.18	.25	.21	.26	.209
	71	.37	.46	.17	.21	.291
	72	.15	.12	.09	.08	.109
	73				.16	
	74	.17	.18			
*HAWAII						
HAWAII CO						
SITE 001	72	.05	.00	.05	LD	.049
	73			.07	LD	
	74	.05	.08		LD	
HAWAII CO						
SITE 002	72	.10	.12	.39	.10	.300
	73	.17	.19		.07	
	74	.21			.06	
HAWAII VOLCANOES						
SITE 001	72	.02	.09	.01	.01	.139
	73	.02	.01		.03	
	74		.02	.04		
*IDAHO						
BUTTE CO						
SITE 001	70	.05	.16	.30	.17	.169
	71	.09	.23	.83	.23	.246
	72	.07	.13	.23	.12	.151
	73	.08	.19	.28	.11	.171
	74	.47	.13			
*INDIANA						
MONROE CO						
SITE 001	70	.51	.19	.85	.56	.500
	71	.98	.52	.69	.73	.697
	72	.47	.61	.25	.31	.367
	73	.19	.25			
	74		.19	.45		
PARKE CO						
SITE 001	70	1.69	.72	.92	1.10	1.091
	71	1.21	1.42	.59	.96	1.045
	72	.67	.97	.37		
	74		.47			
*LOUISIANA						
TREVILLE PAR						
SITE 001	74	.17	.16	.45	.24	.256
*MAINE						
ACADIA NAT PARK						
SITE 001	70	.24	.16	.40	.17	.242
	71	.23	.62	.28	.24	.343
	72	.16	.15	.24	.05	.153
	73		.12	.09	.04	
	74	.17	.18	.24		
*MARYLAND						
CALVERT CO						
SITE 001	70	.49				
	72		.27	.31		
	73				.18	
	74			.25		
*MISSISSIPPI						
JACKSON CO						
SITE 001	70	.09	.38	.34		
	71		.33	.52	.28	
	72	.19	.31	.33	.33	.290
	73	.20	.17			
	74	.19	.12	.38	.39	.252
*MISSOURI						
SHANNON CO						
SITE 002	70	.31	.60	.41	.22	.383
	71	.29	.79	.34		
	72		.26	.13	.13	
	73	.07	.17	.11	.10	.112
	74	.18	.16		.08	
*MONTANA						
GLACIER NAT PARK						
SITE 001	70	.08	.17	.53		
	71	.10	.19	.65	.16	.276
	72	.17	.07	.10	.05	.096
*NEBRASKA						
THOMAS CO						
SITE 001	70	.19	.46	.40	.36	.350
	71	.08			.22	
	72	.28		.14	.06	
	73	.01	.26	.16	.07	.120
	74	.19	.12			
*NEVADA						
WHITE PINE CO						
SITE 001	70	.05	.32	.18	.13	.172
	71	.18			.18	
	72	.09	.22	.19	.06	.140
	73	.01	.21	.21	.09	.127
	74	.02	.48	.20	.03	.180
*NEW HAMPSHIRE						
RELYNAP CO						
SITE 001	72	.17	.48	.34		
	73	.09		.88		
COOS CO						
SITE 001	70	.14	.15	.19	.20	.169
	71	.23	.32	.37		
	72			.09	.09	
	73	.03	.13		.18	
	74	.13	.06	.13		
*NEW MEXICO						
RIO ARRIBA CO						
SITE 001	70	.19				
	71		.47			
	72	.47	LD	.29	.22	.237

POLLUTANT : 1212F - TRON
METHOD : HI-VOL EMISSION SPECTRA (LOW TEMP ASH)
UNITS : UG/CU METER (25 C)
DATA TYPE : QUARTERLY COMPOSITE
PROJ. CLASSIFICATION : NON-URBAN
ANALYTICAL QUALITY : 25(+-)19.0%

LOWER DISCRIMINATION LEVEL (LD)
70 - .008
71 - .008
72 - .006
73 - .010
74 - .010

LOCATION	YR.	1ST. QTR.	2ND. QTR.	3RD. QTR.	4TH. QTR.	YR. AVG.
NEW YORK						
JEFFERSON CO						
SITE 001	70	.21	.45	.62	.37	.410
	71	.24	.20	.26	.28	.243
	72	.18	.22	.18		
	73			.18		
	74	.17	.29	.21		
NORTH CAROLINA						
CAPE HATTERAS NAT						
SITE 001	70	.70	.68	.66	.27	.579
	71	.11	.64	.43		
	73	.78	.67			
OKLAHOMA						
CHEROKEE CO						
SITE 001	70	.81	.76	.97	.45	.645
	71	.97	.78		.75	
	72	.37	.31	.17	.06	.226
	73	.15	.78	.22	.12	.198
	74	.21	.31	.85		
OREGON						
CURRY CO						
SITE 001	70	.19	.24	.26	.37	.262
	71	.29	.80			
	72	.09	.06	.21	.11	.094
	73	.09	.13	.22		
	74	.22				
PENNSYLVANIA						
CLARION CO						
SITE 001	70	.95	1.58	1.22	.65	1.077
	71	.57	1.04	.55	.94	.760
	72	.80	.28	.64	.63	.685
	74	.09	.55	.61		
INDIANA CO						
SITE 001	72	.69	1.06			
INDIANA CO						
SITE 002	73				.52	
	74	.59			.55	
INDIANA CO						
SITE 003	72	.69	.78	.86	.96	.788
RHODE ISLAND						
WASHINGTON CO						
SITE 002	70	.45	.41	.32	.32	.379
	71	.69	.79	.32	.73	.616
	72	.19	.15	.24		
	73			.15	.20	
	74	.19				
SOUTH CAROLINA						
RICHLAND CO						
SITE 002	70	.29				
	71	.26	.27	.64	.26	.358
	72	.29	.29	.23	.12	.253
	73	.27	.19	.15	.21	.197
	74	.20	.21	.12		
SOUTH DAKOTA						
BLACK HILLS NAT F						
SITE 001	70	.17	.25	.12		
	71	.07	.20	.33	.13	.183
	72	.12	.06	.18	.02	.094
	73	.05	.17	LD	.08	.078
TENNESSEE						
CUMBERLAND CO						
SITE 001	70	.29	.61	.71	.41	.504
	71	.63				
TEXAS						
MATAGORDA CO						
SITE 001	70	.16	.56	.26	.17	.288
	71	.65	.52	.70		
	72	.16	.19	.07	.09	.130
	73	.19	.12	.38	.20	.215
	74	.07	.27	.55	.09	.248
TOM GREEN CO						
SITE 001	70	.78	.58	.48	.46	.490
	71	2.40	.96		.76	
	72	.67	1.15	.48	.75	.527
	73	.27	1.19	.26	.15	.477
	74	.90	.37	.38		
VERMONT						
ORANGE CO						
SITE 001	70	.27	.47	.45	.26	.367
	71	.81	.63	.87		
	72	.20	.29	.29	.24	.258
	73		.35	.29	.27	
	74	.42	.32		.07	
VIRGINIA						
SHENANDOAH NAT PA						
SITE 001	70	.18	.32	.45	.38	.335
	71	.39	.51	.48		
	72	.20	.17	.07	.16	.138
	74		.15	.06		
WYTHE CO						
SITE 001	70	.24	.47	.23	.26	.300
	71	.37	.45	.28		
	72	.11	.24	.14	.24	.183
	73	.18	.16	.32	.12	.196
	74	.05			.04	
WASHINGTON						
KING CO						
SITE 002	70	.48	.61	.81	.47	.597
	71	.94	.47			
	72	.56	.45	.51	.10	.807
	73	.27	.47	.66	.20	.786
	74	.21				
WISCONSIN						
DOOR CO						
SITE 001	70	.29	.33			
	72	.15	.35	.10	.15	.167
	73	.16		.19		
WYOMING						
GRAND TETON NAT P						
SITE 001	72		.06	.09	LD	
	73	LD	.21	.09	LD	
YELLOWSTONE NAT P						
SITE 001	70	.07	.12	.11		
	72		.07	.16	.08	
	73		LD	LD	LD	

POLLUTANT : 17128 - LEAD
METHOD : HI-VOL EMISSION SPECTRA (LOW TEMP ASH)
UNITS : UG/CU METER (25 C)
DATA TYPE : QUARTERLY COMPOSITE
PROJ. CLASSIFICATION : URBAN
ANALYTICAL QUALITY : 10(+-10%,10)

LOWER DISCRIMINATION LEVEL (LD)
70 - .002
71 - .002
72 - .015
73 - .029
74 - .014

LOCATION	YR.	1ST. QTR.	2ND. QTR.	3RD. QTR.	4TH. QTR.	YR. AVG.
ALABAMA						
BIRMINGHAM						
SITE 003	70	1.18		2.69	1.86	
	71	.86	1.77		2.09	
	72	.96	1.19	1.07	1.07	1.060
	73	.92	1.34	.72	1.68	1.158
	74	1.76	1.02	.99	.97	1.139
GADSDEN						
SITE 001	70	.50	.68	.64	.93	.719
	71	.73	.97	.91	1.29	.950
	72	.76	.77	.77	.95	.715
	73	1.00	.89	.95	1.08	.869
	74	.95	.75	.76	.87	.636
HUNTSVILLE						
SITE 001	70	1.08	.67	.59	1.06	.852
	71	.67	.67	.60	1.56	.625
	72	.69	.70	.59	.63	.652
	73	.80	.64	.67		
	74		.39	.48		
MOBILE						
SITE 001	70	.26		1.64	1.70	
	71	2.09	1.14			
	72	1.85	.70	.98	.68	.933
	73	.96	.90		1.50	
	74		.78	.91	1.71	
MONTGOMERY						
SITE 001	70	.98	.97	.86	.88	.917
	71	.57	.75	.55	.59	.617
	72	.58	.88	.73	.70	.636
	73	.90	.86		.71	
	74	.88	.59	.72	1.49	.697
ALASKA						
ANCHORAGE						
SITE 003	70	1.22	.71	.55	.79	.819
	71	2.58	.80	.84	1.63	1.697
	72	1.40	.80	.59	2.01	1.225
	73	1.77	.89	.59	1.37	1.079
	74	1.39		.95		
FAIRBANKS						
SITE 001	70	3.01	1.01	2.11		
	71				5.87	
	72	3.37	1.78	1.84	3.37	2.490
	73			.97	2.81	
	74			.55		
ARIZONA						
DOUGLAS						
SITE 001	71	.95	1.11			
	72	1.19	.21	.36	.85	.593
	73			.35	.60	
	74	.35	.84	.16		
MARICOPA CO						
SITE 001	70	.83	LD	.18	.72	.337
	71	.38	.05		.56	
PHOENIX						
SITE 002	70	2.89		1.78	4.27	
	71	3.98	1.56	1.50	4.08	2.736
	72	3.42	1.17	2.25	3.54	2.584
	73	1.83	1.48	1.35	3.31	1.891
	74	8.09	1.57	.76	1.61	2.008
TUCSON						
SITE 001	70	1.37	.91	.35	1.68	1.067
	71	1.72	.83	.67	.87	.824
	72	1.49	.50	.68	1.29	.939
	73	.92	.88	.46	.96	.707
	74	.87	.84	.45	.74	.626
ARKANSAS						
LITTLE ROCK						
SITE 001	70	1.02	.82	.48	1.62	1.060
	71	1.10		.97	1.67	
	72		.99	1.12		
	73	1.63				
	74	1.06	.61	.55	1.17	.866
TEXARKANA						
SITE 001	70	.64		.48	.75	
	71	.74	.85			
	72		.62			
	73		.09			
	74				.58	
WEST MEMPHIS						
SITE 001	70	.69	.58	.62	1.09	.666
	73	.29	.57	.11	1.03	.501
	72	.55	.55	LD		
	73		.31	.87	.59	
	74	.65	.71	.77	1.10	.807
CALIFORNIA						
ANAHEIM						
SITE 001	70	2.46	2.35	2.59	4.06	2.867
	71	4.02	2.17	2.76	3.35	3.068
	72	3.37	2.71	1.59	3.15	2.579
	73	1.58	1.46	1.62		
	74	1.55	1.78	1.42	3.27	1.968
BERKELEY						
SITE 001	70	1.51	1.06	1.47		
	71			.58	.58	
	72	1.77	.79	.97	1.26	1.196
	73	1.30	1.33	.40	1.37	1.100
	74	.77	.37	.61	.58	.658
BURBANK						
SITE 002	70	5.76	3.99	5.84	8.27	8.928
	71	6.17	3.67	3.36	8.49	8.427
	72	6.70	3.02	.61	2.51	3.726
	73	2.67	3.49	5.15	8.78	8.012
	74	3.38	2.13	1.26	3.09	2.467
FRESNO						
SITE 002	70	2.15	.85	.98	1.98	1.351
	71	1.40	.62			
	72	1.07	1.07	.62	2.38	1.788
	73	1.60	1.16	.68	2.27	1.424
	74	.97	.93	.69	2.60	1.177
GLENDALE						
SITE 001	70	3.90	2.79	4.21	3.21	3.529
	71	3.29	1.92	3.05	3.05	2.829
	72	5.21	2.99	2.66	3.54	3.477
	73	2.45	1.40	2.22	1.79	1.964
	74	2.07	1.67			
LONG BEACH						
SITE 001	70	4.27	1.09	1.76	3.65	2.640
	71	3.85	.97	1.35	3.28	2.708
	72	3.33	1.20	.86	2.24	1.919
	73	1.65	1.67			
	74	3.40	.83	.96	1.97	1.890
LOS ANGELES						
SITE 001	70	5.66	3.47	5.05	3.96	4.517
	71	6.05	2.87	3.29	6.71	4.671
	72	7.17	1.96	2.56	4.77	3.996
	73	2.78	2.00	2.72		
	74	1.41	1.96	1.85	3.18	2.117
OAKLAND						
SITE 001	70	3.16	1.71	2.29	2.26	2.350
	71	1.80	.71	.71	3.27	1.620
	72	1.31	.99	.81	1.98	1.023
	73	1.34	.99	.78		
	74	1.02	1.75	.91	2.26	1.361
ONTARIO						
SITE 001	70	2.17	1.13	2.42	1.50	1.793
	71	1.83	.87	1.85	1.64	1.548
	72	2.72	.98	.95	1.79	1.610
	73	1.31	.88			
	74	1.11	1.72			

POLLUTANT : 12128-2-LEAD
METHOD : HI-VOL EMISSION SPECTRA (LOW TEMP ASH)
UNITS : UG/CU METER (25 C)
DATA TYPE : QUARTERLY COMPOSITE
PROJ. CLASSIFICATION : URBAN
ANALYTICAL QUALITY : 1974-1975.10?

LOWER DISCRIMINATION LEVEL (LD)
70 - .022
71 - .022
72 - .015
73 - .029
74 - .014

LOCATION	YR.	1ST. QTR.	2ND. QTR.	3RD. QTR.	4TH. QTR.	YR. AVG.
CALIFORNIA						
PASADENA						
SITE 001	71	3.17	2.21	1.76	2.28	*2.586
PASADENA						
SITE 002	70	3.19	2.19	3.28	1.97	*2.645
	72		1.67	1.50	2.10	
	73	1.62	2.86	LD		
	74	1.65	1.71	1.47	2.56	*1.987
RIVERSIDE						
SITE 001	70	2.18	1.50	.68	1.39	*1.438
	71	1.98			2.32	
	72	1.06	.63	1.52		
SACRAMENTO						
SITE 001	70	1.94	.77	.98	.87	*1.091
	71	.66	.60	.76	2.61	*1.156
	72	1.24	.79	.72	1.44	*1.088
	73	1.25	1.07	.85	2.00	*1.293
	74	1.57	.75	3.18	1.57	*1.767
SAN BERNARDINO						
SITE 001	70	1.51	1.20	2.28	1.29	*1.594
	71	.85	1.21	2.50	1.58	*1.536
	72	1.25	1.38	1.52	1.53	*1.919
	73	.99	2.10	2.17		
	74	1.14	.58	1.42	1.35	*1.222
SAN DIEGO						
SITE 001	70	3.30	.70	1.10	2.09	*1.799
	71	4.69	.76	1.26		
	72	2.90	1.11	.98	1.85	*1.676
	73	1.55	1.27	.58	2.90	*1.617
	74	2.15	.79	.62	1.88	*1.299
SAN FRANCISCO						
SITE 001	70	1.59	1.04	1.12	1.32	*1.375
	71	1.68	1.26	1.18	1.35	*1.360
	72	1.65	.88	.81	1.41	*1.179
	73	1.15	1.08	.96	1.76	*1.085
	74	1.30	.67	1.17	.60	.934
SAN JOSE						
SITE 002	70	1.96	1.16			
SAN JOSE						
SITE 003	70			1.97	1.96	
	71	2.99	1.44	1.37		
SAN JOSE						
SITE 004	72	2.19	1.11	1.03		
	73		.98	.95	2.19	
	74	1.37	.67	1.61	1.67	*1.321
SANTA ANA						
SITE 001	70	1.62	1.27	1.07	1.95	*2.118
	71	4.55	2.05	2.79	4.12	*3.282
	72	4.63	1.28	1.01	2.00	*2.271
	73	1.37	1.21	.85	2.08	*1.378
	74	1.37	.63	.98	2.36	*1.212
TORRANCE						
SITE 001	70	2.20	1.77	1.28	3.31	*2.042
	71	4.38	1.61	.95		
	72	2.97	1.27		3.50	
	73	1.77	1.07	.75	5.47	*2.292
	74	2.89	1.17	.89	1.95	*1.711
COLORADO						
DENVER						
SITE 001	70	1.95	1.07	.76	1.99	*1.447
	71	1.90	.85	.96	2.75	*1.515
	72	1.67	1.20		3.07	
	73	3.08				
CONNECTICUT						
BRIDGEPORT						
SITE 001	70	1.41	.81	1.23	1.39	*1.209
	71	1.00	.99	1.03	2.36	*1.366
	72	1.15	1.08	1.23	1.10	*1.140
	73	1.25	.85	.98	2.08	*1.290
	74	1.08	.95	1.08		
HARTFORD						
SITE 001	70	.79	.61	1.00	.76	.789
	71	1.33	.75	.79	2.20	*1.765
	72	1.67		1.12	1.16	
	73	1.01				
	74	.95	.96	.72	1.78	.970
NEW HAVEN						
SITE 001	70	1.39	.75	1.27	1.24	*1.161
	71	1.30	.91	1.19	2.10	*1.377
	72	.75				
	73	.90	.90	.55	1.71	.991
WATERBURY						
SITE 001	70	1.44	1.78	1.68	1.91	*1.567
	71	1.68	1.27	1.29	2.58	*1.692
	72	1.73	1.31	1.55	1.87	*1.777
	73	1.14	1.17	1.52	.85	*1.172
	74	1.88	1.01	1.00	2.09	*1.487
DELAWARE						
NEWARK						
SITE 001	70	.61	.55	.59	.87	.667
	71	.50	.75	.85	1.14	.988
	72	.49	.47	.33		
	73	.69	.36	.55	.85	.612
	74	.89		.88		
WILMINGTON						
SITE 001	70	1.10	1.38	1.30		
	71	2.18			2.58	
	72	1.17	1.05	1.12	1.36	*1.761
	73	.87			1.30	
	74	1.07			.91	
DISTRICT OF COLUMBIA						
WASHINGTON						
SITE 001	70	.96	.95		1.19	
	71	1.19	1.32	1.35	2.12	*1.477
	72	1.79	1.71		1.96	
	74	.89				
FLORIDA						
JACKSONVILLE						
SITE 002	70	1.50	1.14	1.08	1.64	*1.330
	71	1.13	1.75	.95	1.17	*1.088
	72	.57	.98	.71	1.58	.959
	73	.79	.75	.71	.95	.801
	74			.77	.72	
MIAMI						
SITE 002	70	1.83	.78	1.87	2.01	*1.513
	71	2.58	1.88	1.99	2.23	*2.035
	72	1.33	1.17	1.35	1.48	*1.315
	73	.98	1.45	2.12		
	74	1.07	1.01	1.14	.97	*1.078
ST PETERSBURG						
SITE 002	70	.69	.34	.95	.81	.762
	71	.78	.25	.22	.38	.309
	72	.70	.29	.27	.39	.999
	73	.69		.78		
	74			.73	.72	
TAMPA						
SITE 002	70	1.63	.71	1.11	.98	*1.008
	71	1.95	.85	1.16		
	72	.87	.90	1.01	1.10	.971
	73	.98			.57	
	74		.96	.77	.85	
GEORGIA						
ATLANTA						
SITE 001	70	2.20	1.71	1.47	1.51	*1.727
	71	1.84	1.90	2.18	1.70	*1.781
	72	1.79	1.47	1.79	1.44	*1.786
	73	1.48	.96	1.08	1.51	*1.220
	74	1.19	.78	.98	.98	.932

POLLUTANT : 12128 - Lead
METHOD : HI-VOL EMISSION SPECTRA (LOW TEMP ASH)
UNITS : UG/CU METER (25 C)
DATA TYPE : QUARTERLY COMPOSITE
PROJ. CLASSIFICATION : URBAN
ANALYTICAL QUALITY : 1sig=+-5.10%

LOWER DISCRIMINATION LEVEL (LD)
70 - .022
71 - .022
72 - .015
73 - .009
74 - .010

LOCATION	YR.	1ST. QTR.	2ND. QTR.	3RD. QTR.	4TH. QTR.	YR. AVG.
GEORGIA						
COLUMBUS						
SITE 001	70	1.06	1.71	.91	.71	.993
	71	1.07	.50	.63	.76	.726
	72	1.01	.59	.46	.68	.678
	73					
	74	.78	.57	.51	1.15	.771
			.91	.58	.79	
SAVANNAH						
SITE 001	70	.82	.50	.57	.56	.640
	71	.68	.80	.83	.50	.677
	72		.69		.68	
	73					
	74	.38	1.10	.98		
HAWAII						
HONOLULU						
SITE 001	70	.79	.81	.65	.92	.791
	71	1.65	.63	.65	1.05	.996
	72		.75	.65	.68	
	73	.62	.59	.72	.55	.579
	74	.88	.81	.70	.92	.768
IDAHO						
BOISE CITY						
SITE 001	70	.71	.57	.59	1.39	.805
	71	.58	.65	.97	1.17	.772
	72	.58	.55	.68	1.17	.748
	73	.30	.61	1.00	.70	.605
	74	.76	.86			
ILLINOIS						
CHICAGO						
SITE 001	70	LD	LD	LD	LD	
	71	1.65	1.99	1.57	1.76	1.778
	72	1.48	.96	1.10	1.27	1.198
	73			.73		
	74				.67	
EAST ST LOUIS						
SITE 001	70	1.19				
	71	.90	1.31	.79	1.09	1.022
	72	.97	.88	.67	.88	.917
	73	.58		1.38		
	74			.83		
EAST ST LOUIS						
SITE 004	70			1.92		
JOLIET						
SITE 001	70	1.00	1.06	1.06		
	71	.69	1.21	1.15		
	72	.67	1.46	1.06	1.01	1.029
	73	.82	.50	.79		
MOLINE						
SITE 001	72		.71	.60	.70	
	73	.50	.40	.37		
	74	.47	.50	.60	.44	.613
NORTH CHICAGO						
SITE 002	70	.68	1.40	1.04	1.69	1.200
	71	.78	.86	.78	1.38	.907
	72	.78	.86	.97	.98	.862
	73	.57	.79	.91		
	74	.49				
PEORIA						
SITE 001	70	1.21	1.04	1.67	1.22	1.274
	71	.78	.67	1.06	.70	.797
	72	.68	.58	.68	.92	.695
	73	.98	.91	.70		
ROCKFORD						
SITE 001	70	.69	.76			
	71	.49		.56		
	72	.79	.88	.60		
	73		.91			
	74				.70	
ROCK ISLAND						
SPRINGFIELD						
SITE 001	70	.77	.68	.83	.76	.756
	71	.67	.62	.75	.81	.712
	72	.65	.87	.64	.59	.667
	73	.81	.85	.85		
	74	.63	.59	.68	.79	.623
INDIANA						
EAST CHICAGO						
SITE 001	70	2.56	1.84	1.38	1.61	1.778
	71	1.19	3.15	1.36	1.72	1.856
	74	.62	1.96	2.47	1.63	1.668
EVANSVILLE						
SITE 001	70	.79	.61	.76	.61	.668
	71	.47	.68	.37	.49	.567
	72	.78	.96	.73	.78	.696
	73	.66	.77	.68		
	74		.85	.65	.90	
FORT WAYNE						
SITE 001	70	1.09	.90	.77	1.69	1.087
FORT WAYNE						
SITE 002	71	.66	1.03	1.02	1.58	1.167
	72	.63	.71	1.10	1.13	.891
	73	.50	.63	.79		
GARY						
SITE 001	70	1.84	.81	1.35	1.25	1.212
	71	1.61	.63		2.06	
	72	.82	.80	.97	.80	.879
	73	.61	.70	.68		
	74	.35	.91	.60	.97	.769
HAMMOND						
SITE 001	70	1.85	1.37	1.11	1.17	1.384
	71	.60	1.09	1.23	2.09	1.315
HAMMOND						
SITE 002	72	.91	1.91	1.62	1.19	1.401
	73	.61	.62	.79		
	74	.81	.63	.86	.97	.771
INDIANAPOLIS						
SITE 001	70	1.07	1.01	1.19	1.28	1.127
	71	.80	1.08	1.61	1.89	1.194
	72	1.29	1.38	1.15		
	74		1.21	1.07		
MUNCIE						
SITE 001	70	2.30	3.31			
	71			1.13	1.74	
	73	1.10				
NEW ALBANY						
SITE 002	70	1.84	1.41	.91	1.80	1.489
	71	.94				
	73		1.15	1.63	1.72	
	74	1.00	.98	.57		
			.47			
SOUTH BEND						
SITE 002	70	1.51	.92	.89	1.00	.980
	71	.78	1.15	1.82		
	72		1.00	1.36	.59	
	73	.51	.87	.63		
	74	1.39	.89	.57	1.11	.989
TERRE HAUTE						
SITE 001	70	.65	.97	.93	.61	.849
	71	.69		.78		
	72	.63	.98	.37	.56	.579
	73	.33	.75			
	74		.90	.50	.89	

POLLUTANT : 12129 - LEAD
METHOD : HI-VOL EMISSION SPECTRA (FLOW TEMP ASH)
UNITS : UG/CU METER (25 C)
DATA TYPE : QUARTERLY COMPOSITE
PROJ. CLASSIFICATION : URBAN
ANALYTICAL QUALITY : 1a1a-185.103

LOWER DISCRIMINATION LEVEL (LD)
70 - .022
71 - .022
72 - .015
73 - .029
74 - .019

LOCATION	YR.	1ST. QTR.	2ND. QTR.	3RD. QTR.	4TH. QTR.	YR. AVG.
IOWA						
CEDAR RAPIDS						
SITE 001	70	.71	.37	.67	.67	.598
	71	.67	.60	.66		
	72	.29	.26	.32	.67	.369
	73	.71	.29	.36	.66	.410
	74	.66	.08	.32	.66	.410
DAVENPORT						
SITE 001	70	1.65	.66	1.46	1.76	1.382
	71	LD		1.67	2.67	
	72	1.17	.79	.81	.99	.873
	73	1.11	.97	.76	.77	.814
	74	.79	.76	1.00	.71	.719
DES MOINES						
SITE 001	70	1.06	.88	1.02	1.17	1.039
	71	.98	.82	.98	.95	.888
	72	.67	.96	.69	.88	.792
	73	1.69	1.19	1.78	.79	1.160
	74	.79	1.02	.96	.98	.897
DUBUQUE						
SITE 001	70	1.10	.85			
DUBUQUE						
SITE 002	71		.85			
	72	.76	.86	.19	.71	.307
	73	.68	.79	.55	.38	.604
	74	.77	.71	.50	.73	.315
DUBUQUE						
SITE 003	74	.19	.76	.35	.17	.249
WATERLOO						
SITE 001	71		.76	.63	.67	
WATERLOO						
SITE 003	73	.69	.60			
	74		.60	.67	.66	
	74	.67	.60	.61	.67	.639
KANSAS						
KANSAS CITY						
SITE 002	70	.67	.17	.71	1.19	.768
	71	.79	.60	.75	.58	.647
	72	.69	.55	.75	.56	.642
	73	.76	.70	.69	.75	.588
	74	.79	.60	.67	.67	.699
KANSAS CITY						
SITE 012	74		.66	.69	.66	
TOPEKA						
SITE 001	70	.61	.69	.56	1.06	.690
	71	1.15	.55	.58	.77	.750
	72	.77	.71	.67	.67	.378
	73		.27	.26	.26	
	74	.17	.29	.35	.61	.318
WICHITA						
SITE 001	70	.67	.67	.62	.67	.573
	71	.78	.67	.69	.60	.625
	72	.62	.75	.56		
	73	.79	.58	.29	.57	.648
	74	.67	.19	.35	.26	.383
KENTUCKY						
ASHLAND						
SITE 002	70	1.65	.93	1.67	1.18	1.297
	71	1.70	1.67	1.02		
	72	1.70	1.35	1.73	1.52	1.673
	73	1.77	.77		1.10	
	74	2.08	.71	.60	1.00	1.119
BOWLING GREEN						
SITE 001	70	.61	.71	.58	.61	.627
	71	.18	.25	.46	.60	.346
	72	.41	.64	.96	.46	.596
	73	.37	.29		.41	
	74	.66	.48	.61	.62	.490
COVINGTON						
SITE 001	70	1.15	1.66	1.18	1.52	1.378
	71	1.19	2.00	1.67	1.67	1.693
	72	.86	.93	1.71	1.17	1.030
	73	.66	.80			
	74	.75	.72	.77	.84	.768
LEXINGTON						
SITE 001	70	.88	.60	.67	.90	.737
	71	.58	.64	.98	1.50	.927
	72	.35	.77	1.27	1.12	.876
	73	.76	.88			
	74				.98	
LOUISVILLE						
SITE 002	72	.81	1.58			
	73			1.08	1.08	
	74		.77	1.21	1.33	
LOUISVILLE						
SITE 003	70		1.02	1.61	2.36	
	71	1.17	.94	2.05	2.49	1.649
LOUISIANA						
BATON ROUGE						
SITE 001	70	1.01	.71	.99	1.79	.885
	71	.75	1.14	1.70	1.72	1.776
	72	1.56	1.38	.69	.88	1.178
	73	.77	.90	1.78		
	74	.68	.84	.96	.70	.798
NEW ORLEANS						
SITE 002	70	1.05	1.09	1.26	1.04	1.110
	71	1.14	.87	.96	1.37	1.087
	72	1.00	.90	1.06	.82	.969
	73	.87	.70	1.30		
	74	.75	1.08		.86	
SHREVEPORT						
SITE 001	70	.60	.87	.51	1.58	.891
	71	.62	.76	1.11	1.65	1.005
	72	1.09	.90	.91	.87	.805
	73		.67	.89	1.30	
	74	.61	.71	.39	.56	.567
MAINE						
PORTLAND						
SITE 002	70	.92	.87	.50	.83	.504
	71	.85	.75	.85	.66	.778
	72	.65	.37			
	73		.39			
	74	.75	.88	.86		
MARYLAND						
BALTIMORE						
SITE 001	70	1.69	1.79	2.04	.95	1.448
	71	1.61	1.22		1.68	
	72	1.60	1.61	1.57	2.00	1.683
	73	1.14	.77	.58	1.11	.924
	74	1.61	.71	1.30	1.10	1.153
MASSACHUSETTS						
BOSTON						
SITE 001	70	.78		1.72	1.23	
	71		.67			
	72	.96	.63	2.47		
	73				.55	
	74		.94	.96		
CAMBRIDGE						
SITE 001	70		.96		1.15	
	71	.95	1.02	.84	3.34	1.538
	72		.72			
	73			1.01	.47	
	74		.94	.67		

POLLUTANT : 12128 = LEAD
METHOD : HI-VOL EMISSION SPECTRA (LOW TEMP ASH)
UNITS : UG/CU METER (25 C)
DATA TYPE : QUARTERLY COMPOSITE
PROJ. CLASSIFICATION : URBAN
ANALYTICAL QUALITY : 101---105.101

LOCATION	YR.	1ST. QTR.	2ND. QTR.	3RD. QTR.	4TH. QTR.	YR. AVG.
MASSACHUSETTS						
FALL RIVER						
SITE 002	70	.76	.72	.94	.85	.838
	71	.77	.67	.75	1.17	.838
	72			.93	.77	
	73			.87	.94	
NEW BEDFORD						
SITE 001	70		.67			
	72		.86			
	73			.32	.85	
	74		.91	.91		
SPRINGFIELD						
SITE 002	70	1.37	.71	1.46	1.53	1.268
	71	1.35	.94			
	72		1.72	1.95	1.37	
	73	1.87	1.78			
	74		1.77	1.10		
WORCHESTER						
SITE 001	70	1.22	.95	1.08	1.87	1.171
	71	1.35	.92	1.12	1.85	1.299
	72	1.82	.91	.97	.89	1.048
	73	1.00	.91		.82	
	74		.89			
MICHIGAN						
DEARBORN						
SITE 001	70	1.59	2.10	1.76		
	71		1.84	1.74		
	73	.89	.72	1.56		
	74	.89	.87	.80	1.97	.979
DETROIT						
SITE 001	70	1.27	1.87	1.43	1.29	1.386
	71	1.01	1.84	1.56	2.22	1.657
	74			.98	.95	
FLINT						
SITE 001	70	.89	.80	.89	.86	.759
	71	.89	.86	.99	.96	.708
	72	.69	1.02	1.19		
	73	.87	.88	.87		
	74				1.17	
GRAND RAPIDS						
SITE 001	70	1.81	.98	1.10	1.26	1.276
	71	.77	1.76	1.56	2.88	1.539
	72	.97	1.81	1.81	1.35	1.332
	73	1.75	.87	1.08		
LANSING						
SITE 001	70	1.12	.99	.95	1.36	1.105
	71	.89	1.01	1.23	1.11	1.067
	72		.86	.95	.96	
	73	.95	.89	.98		
	74	.38	.81	.90		
SAGINAW						
SITE 001	70	.81	.58	.78	.87	.698
	71	.87	.77	.95	1.12	.717
	72	.82	.82	.77		
	73	.85	.81	.87	.95	.451
	74	.37	.84	.53	.89	.648
TRENTON						
SITE 001	70	1.19	.81	.77	.79	.810
	71	.87	1.08	1.40	1.36	1.046
	72	.79	.83	.87	.80	.779
	73	.87	.81	.86		
	74		.75	.83		
MINNESOTA						
DULUTH						
SITE 001	70	.69	.67	.93	.87	.771
	71	.87	.70	.92	.86	.562
	72	.72	1.01	.99	.97	.864

LOWER DISCRIMINATION LEVEL (LD)
70 - .002
71 - .002
72 - .015
73 - .009
74 - .010

LOCATION	YR.	1ST. QTR.	2ND. QTR.	3RD. QTR.	4TH. QTR.	YR. AVG.
	73	.27	.79	.75		
	74	.74	.80	.87	.26	.797
MINNEAPOLIS						
SITE 001	70	.58	.87	.72	.81	.659
	71	.39	.75	.93	.99	.680
	72	.60		.70	.80	
	73	.62		.28		
	74			.95		
WOODMEAD						
SITE 001	70	.70	.58	.87	.79	.672
	71	.95	.25	.91		
	72	.93		.78		
	73	.71				
ST PAUL						
SITE 001	70	1.30	.67	1.10	1.28	1.085
	71	1.00	1.01	.71		
	72	1.16	1.33	.94	1.52	1.038
	73	.97	.79	.77		
	74	.59	.66	1.02	1.31	.892
MISSISSIPPI						
JACKSON						
SITE 002	70	.69	.69	.67		
	71	.67	.59			
	73	1.96	.91	.32	.76	.989
	74	.55	.67	.79	.98	.747
MISSOURI						
KANSAS CITY						
SITE 002	70	1.33	.76	1.42	LD	.897
	71	.76	.78			
	73	1.20	.97	.98	.87	.982
	74	.79	.83	1.05		
ST LOUIS						
SITE 001	70	1.72	LD		1.57	
	71	1.87	1.22	.58	1.87	1.372
	73	1.09	.98	.92	.87	.981
	73				.61	
	74	1.00	1.22	1.27	1.28	1.185
MONTANA						
HELENA						
SITE 001	70	1.09	LD	.22		
	71	.75	.78	.87	.79	.871
	73		.08			
NEBRASKA						
LINCOLN						
SITE 002	70	.54	.26	LD	.51	.770
	71	.26	.72	.37	.35	.796
	73	.25	.37	.27	.37	.790
	73	.36	.18	.20	.10	.196
	74	.28	.27	.31	.07	.719
OMAHA						
SITE 001	70	1.76	1.08	1.22	.84	1.717
	71	.96	1.79	1.36	1.83	1.879
	72	.78	.87	1.01	1.58	1.075
	73	1.27	.67	.67	.88	.961
	74	.87	.70	.72	.68	.775
NEVADA						
LAS VEGAS						
SITE 001	70	1.99	LD	1.29		
	71	2.24	1.38	1.87		
	72	2.04				
	74		1.25		2.35	
RENO						
SITE 001	70	1.98	LD	.87		
	71	1.67		1.89		
	72	1.97	.87	.89	1.58	1.180
	73	.81	.70	.77	1.66	.785
	74	1.01	.59	.79	1.39	.984

POLLUTANT : 12128 - LEAD
METHOD : HI-VOL EMISSION SPECTRA (LOW TEMP ASH)
UNITS : UG/CU METER (25 C)
DATA TYPE : QUARTERLY COMPOSITE
PROJ. CLASSIFICATION : URBAN
ANALYTICAL QUALITY : 10(+-)5.10%

LOWER DISCRIMINATION LEVEL (LD)
70 - .002
71 - .002
72 - .005
73 - .009
74 - .010

LOCATION	YR.	1ST. QTR.	2ND. QTR.	3RD. QTR.	4TH. QTR.	YR. AVG.
NEW HAMPSHIRE						
CONCORD						
SITE 001	70	.71	.21	.51	.85	.570
	71	.52	.24	.60	1.07	.695
	72	.72	.58	.70	.57	.647
	73	.52			.58	
	74	.58	.35	.36		
NEW JERSEY						
BAYONNE						
SITE 001	70	1.02	1.08	LD		
	72		1.12	1.06	1.21	
	74		.94	1.36	.75	
BURLINGTON CO						
SITE 002	70	1.08	1.07	1.20	1.68	1.372
	71	1.30	1.03	1.25	2.67	1.560
CAMDEN						
SITE 001	70	1.05	1.16	1.03	1.76	1.224
	71	1.75	1.78			
	72		1.25	1.36		
	73			1.27	1.08	
	74	1.07	.95			
CAMDEN CO						
SITE 002	73		.84	1.12		
ELIZABETH						
SITE 002	70	1.27	1.16	1.28	1.35	1.194
	71	2.05	1.97	1.71	4.15	2.470
	72	1.38	1.27	1.53		
	73			2.02	2.04	
	74	2.17	1.81	1.06	.04	1.196
GLASSBORO						
SITE 001	70	.69	.65	.78	.58	.621
	71	.31	.82	.53		
	72	.55	.83	.60	.60	.618
	73			.83		
	74	.87	.78	.95	.87	.378
HAMILTON						
SITE 001	70		.73	1.18	LD	
	71	.71	.60			
JERSEY CITY						
SITE 001	70	1.21	1.09	1.50	1.67	1.393
	71	1.10	1.02	1.08	2.07	1.836
	72	1.15	1.04	1.07	1.01	1.294
	73		.98	1.29		
	74		.97		.82	
NEWARK						
SITE 001	70	1.17	1.11	1.58	1.87	1.496
	71	1.90	1.89	1.16		
	72	1.17	2.09	1.77	1.39	1.505
	73			1.56	.85	
	74	1.00	1.12	1.29	1.25	1.178
PATERSON						
SITE 001	70	1.05	1.57	1.46	2.37	1.790
	71	1.25	2.05			
	72				1.27	
	73			1.36	.95	
	74	.87	1.58		1.29	
PERTH AMBOY						
SITE 001	70	1.02	.83	1.11	.89	1.100
	71	1.77	.79	1.52	2.00	1.431
	72	1.17	1.58	1.08	1.61	1.387
	73		.92	.87		
	74					
TRENTON						
SITE 001	70	1.17	.58	1.17	1.93	1.178
	71		.92	1.01		
	72	.98	1.07	1.18	1.71	1.204
	73			.79	1.26	
	74	1.07	.94	.98	1.20	.997

LOCATION	YR.	1ST. QTR.	2ND. QTR.	3RD. QTR.	4TH. QTR.	YR. AVG.
NEW MEXICO						
ALBUQUERQUE						
SITE 001	70	.87	.99	.97	2.09	1.179
	71	1.40	.58	1.00	1.95	1.207
	72	2.00	.78	.75	.72	1.051
	73	.81	1.08	.58		
	74	.78	.79	.54	1.40	.794
NEW YORK						
ALBANY						
SITE 001	70	.59	.67	.74		
	71	.67	.27	.53		
	72	.51	.68	1.13	.90	.809
	73		.37		.67	
	74	.87	.75	.90	.69	.798
BUFFALO						
SITE 001	70	1.18	.97	1.86	1.64	1.409
	71	1.87	1.19	1.53	1.69	1.486
	72	.90	.71	1.25	2.03	1.127
	73		.67	.95	.55	
	74	.66	.79	.85	.78	.769
NEW YORK CITY						
SITE 001	70	1.26	1.49	1.99	1.37	1.497
	71	1.57	1.98		1.70	
	72	.96	1.70	1.02	1.05	1.067
	73		.98	1.28	.88	
	74	.55	1.07	.93	.85	.858
NIAGARA FALLS						
SITE 001	70	.80	.61	.79	.97	.616
	71	.32	.86	.58	.63	.529
	72	.39	.56	.56	.55	.597
	73			.88	.52	
	74	.80	.17	.96	.37	.729
ROCHESTER						
SITE 001	70	1.47	1.27	1.47	1.55	1.432
	71	.58	.98	1.18	1.37	1.015
	72	.96	1.09	1.15	1.71	1.078
	73		.81	.81	.98	
	74	.37	.89	.77	.90	.657
SYRACUSE						
SITE 001	70	1.45	1.05	1.47	1.01	1.248
	71	1.17	1.01	1.17	1.97	1.421
	72	1.39	1.58	1.40	1.56	1.485
	73		.92	.91	.75	
	74	.70	.58	.55	1.14	.709
UTICA						
SITE 001	70	1.09	.81	.92	.98	.950
	71	.78	.78	.95	1.17	.900
	72	1.02	1.13	.10	.81	.788
	73				1.27	
	74		.67		1.24	
YONKERS						
SITE 001	70	.85	1.69	1.38	.76	1.096
	71	1.33		2.49	.96	
	72	1.65	1.69	2.30		
	73			1.10	1.07	
NORTH CAROLINA						
CHARLOTTE						
SITE 001	70	.97	.76	.53	.91	.780
	71	.68	.98			
	72	.84	.69	.59	.79	.761
	73	1.14	.93	.74	1.30	.918
	74	.65	.90	.98	.71	.679
DURHAM						
SITE 001	70	.77	.72	.62	.90	.767
	71		.78	.85	1.00	
	72	.96	.75	.78	.70	.760
	73	.95	.78	.87	1.00	.866
	74	.87	.67	.68	.97	.667

POLLUTANT : 17128 - LEAD
METHOD : HI-VOL EMISSION SPECTRA (LOW TEMP ASH)
UNITS : UG/CU METER (25 C)
DATA TYPE : QUARTERLY COMPOSITE
PROJ. CLASSIFICATION : URBAN
ANALYTICAL QUALITY : 1010-1010.10)

LOWER DISCRIMINATION LEVEL (LD)
70 - .022
71 - .022
72 - .015
73 - .029
74 - .019

LOCATION	YR.	1ST. QTR.	2ND. QTR.	3RD. QTR.	4TH. QTR.	YR. AVG.
NORTH CAROLINA						
GREENSBORO						
SITE 001	70	1.47	1.19	1.12	1.49	1.307
	71	1.21	.77			
	72	.75	.78	.66	1.09	.811
	73	.71	.81	.62	1.04	.809
	74	.69	.82	1.00	.69	.798
WINSTON-SALEM						
SITE 002	70	.50	1.16	1.02	1.38	1.016
	71	1.58	.87	1.13	1.01	1.126
	72	1.17	.75	1.11		
	73		.62	.86	1.37	
	74	.65	.95	1.22	1.08	.917
NORTH DAKOTA						
BISMARCK						
SITE 001	70	.58	.53	.68	.85	.599
	71	.75	.39	.66	.70	.667
	72	.59	.80	.50	.75	.608
	73	1.62	.48	.62	.67	.675
OHIO						
AKRON						
SITE 001	70	1.05	LD	1.18	.99	.807
	71	1.09	.93	1.18	1.61	1.150
	72	.55	.85	.79		
	73	.59	.84	.75		
	74		.82	.58		
CANTON						
SITE 001	70	.81	.95	.84	1.08	.940
	71	.81	1.25	.92	1.18	.930
	72	.77		1.16	1.18	
	73	.57	.71	.92		
	74		.84	.65	1.18	
CINCINNATI						
SITE 001	70	1.17	2.05	1.27	2.36	1.717
	71	1.97	2.18	1.93	1.65	1.926
	72	1.02	1.51	1.17	2.37	1.515
	73		.96		.81	
CLEVELAND						
SITE 001	70	1.77	1.27	1.59	1.15	1.328
	71	.98	1.81			
	72	1.18	1.46		1.29	
	73				.80	
COLUMBUS						
SITE 001	70	1.09	1.08	1.16	1.41	1.180
	71	.77	.96	.97	1.05	.934
	72	.85	.91	1.25	1.19	1.126
	73	.81				
	74				.60	
DAYTON						
SITE 001	70	.19	.96	1.59	1.17	.965
	71	.78	1.07	1.61	2.01	1.367
	72	.85	1.58	1.73	1.75	1.471
	73	1.17	1.07	1.62		
	74	.72			.81	
AKRON						
SITE 012	71	.99	.96	.82	1.71	.962
	72	.82	.91	.75	1.19	.920
	73	.70	.67	.75		
	74		.89			
PORTSMOUTH						
SITE 002	71	.87	.84	.59	.97	.591
	72	.71	.86	.75	.19	.502
	73	.71	.70	.53		
	74		.81			
STEUBENVILLE						
SITE 001	71	.77	1.84	1.13	1.59	1.220
	73	.45				
	73	.59	.77	1.19		
	74			.50		

LOCATION	YR.	1ST. QTR.	2ND. QTR.	3RD. QTR.	4TH. QTR.	YR. AVG.
TOLEDO						
SITE 001	70	.78	.98	1.15		
	71	.58	.62	.68	.99	.698
	72	.71	1.78	.97	1.06	1.119
	73		.27	.68	.57	
YOUNGSTOWN						
SITE 001	70	.86	.65	1.42	1.30	1.057
	71	.88	1.09	1.00	1.30	.967
	72	.99	.88	1.26	1.32	1.097
	73			.65		
	74	.36	.79		.69	
OKLAHOMA						
OKLAHOMA CITY						
SITE 001	70	1.14	.75	1.12	1.79	1.701
	71	.93	1.18			
OKLAHOMA CITY						
SITE 012	72	1.65	1.70	.91	1.05	1.199
	73	.76	.63			
	74	.80	.67	1.30	1.71	1.098
OKLAHOMA CITY						
SITE 029	73	2.15	1.18	1.08		
	74	1.77	1.68	1.30	3.15	1.917
TULSA						
SITE 001	70	.67	.77	.61	.63	.634
	71	.78	.30	.71	.96	.580
	72	.86	.67	.58		
	73	.37	.69	.54	.67	.692
	74	.63	.67	.36	.65	.695
OREGON						
EUGENE						
SITE 001	70	.90	.91	LD		
MEDFORD						
SITE 001	70	.69	.78	.67		
	71	.60	.95			
PORTLAND						
SITE 001	70	2.27	1.77	1.29	1.19	1.617
	71	1.99		1.82	1.75	
	72	1.07	1.17	2.96	2.38	1.797
	73			1.11		
	74	.85	1.70			
PENNSYLVANIA						
ALLENTOWN						
SITE 001	70	1.75	1.22	1.77	1.98	1.669
	71	1.06	.63	.75	2.00	1.117
	72	1.25	.85	1.19	1.91	1.175
	73	.91	.37	.58	.77	.591
	74	1.11	.78	1.10	.83	.956
ALTOONA						
SITE 001	70	1.87	1.30	2.35	2.29	1.945
	71	.65	.78	1.02	1.31	.843
	72	.77	.66	1.58	.88	.986
	73	.96	.61	.84	.67	.689
	74		.85	1.57	1.39	
BETHLEHEM						
SITE 002	70	.71	1.02	1.80	1.66	1.245
	71	.80	.98	.73	.96	.777
	72	.66	.80	1.27	.65	.764
	73	.79	.73	.77	.78	.731
	74	.67	.98	.72		
CLEARFIELD CO						
SITE 001	72	.15	.16	.18		
ERIE						
SITE 002	70	.70	.67	.64	.59	.674
	71	.71	.15	.56	.67	.798
	72	.96	1.36	.96	.78	.912
	73	.31	.91	.50	.65	.519
	74		.79	.35	.70	

POLLUTANT : 17129 - LEAD
METHOD : HI-VOL EMISSION SPECTRA (FLOW TEMP ASH)
UNITS : UG/CU METER (25 C)
DATA TYPE : QUARTERLY COMPOSITE
PROJ. CLASSIFICATION : URBAN
ANALYTICAL QUALITY : 10(+-)05.10%

LOWER DISCRIMINATION LEVEL (LD)
70 - .002
71 - .002
72 - .015
73 - .029
74 - .014

LOCATION	YR.	1ST. QTR.	2ND. QTR.	3RD. QTR.	4TH. QTR.	YR. AVG.
PENNSYLVANIA						
HARRISBURG						
SITE 001	70	.87	.69	1.10	1.63	1.074
	71	.99	.96	.98	1.67	1.113
	72	1.07	1.08	1.02	.81	1.020
	73	.76	.82		.99	
	74		.69			
HAZLETON						
SITE 001	70	.77	LD	LD	1.12	
	71	.91	.90	1.15	1.02	1.144
	72	1.14	1.11	1.13	1.14	1.179
	73	.78	1.07	.69	1.19	.985
	74	.97	.90	1.00	.94	1.051
JOHNSTOWN						
SITE 001	70	.69	1.35	.96	1.02	.979
	71	.78	.97			
LANCASTER CITY						
SITE 001	70	1.69	LD			
	71			.97	1.92	
LANCASTER CITY						
SITE 002	70			LD		
	73		.68	1.07	.74	
	74	.85	.74	.71		
PHILADELPHIA						
SITE 001	70	1.52	1.64	2.69	2.60	2.111
	71	1.78	1.61	2.27	4.31	2.493
PHILADELPHIA						
SITE 004	72	1.97	2.27	2.47	1.70	2.014
	73	1.08				
	74	1.77	1.44	1.17	2.08	1.607
PITTSBURGH						
SITE 001	70	.91	1.87	1.47	1.87	1.467
	71	.90	1.42		2.29	
	74	.77	1.31	1.23	1.27	1.134
READING						
SITE 001	70	1.55	.64	1.09	1.61	1.311
	71	.87	1.70	1.78		
	72	1.57	1.12	1.61	1.57	1.447
	73	.79	.69	1.05		
SCRANTON						
SITE 001	70	2.17	1.57	2.08	3.35	2.277
	71	1.71	2.86	2.86	4.33	2.833
	72	2.51	2.59	2.77	3.31	2.910
	73	2.77	2.19	1.99	3.19	2.533
	74	2.05	1.77	2.71	2.89	2.218
WARMINSTER						
SITE 001	70	.69	.53	.60	1.02	.720
	71	.36	.31			
	74		.86	.64		
WEST CHESTER						
SITE 001	70	.98	LD	LD		
	71	.79				
	73	.38	.35	.87		
WILKES-BARRE						
SITE 001	70	1.17	.78	1.13	.88	.970
	71	.87	.81	2.73	3.19	1.909
	72	1.17	.86	.92	1.47	1.084
	73	.95	.26	.77	1.25	.780
	74	1.11	.70	.70	.85	.764
YORK						
SITE 001	70	1.08	.77	1.25	1.20	1.059
	71	.99	.80	.82	1.26	.914
	72	1.17	.94	1.12	1.37	1.150
	73	.90	.81	1.33	1.29	1.006
	74	1.45				
PUERTO RICO						
BAYAMON						
SITE 002	70	1.87	1.80	3.17	2.69	2.381
	72	1.95	.85	.94	1.43	1.292
	73			.91		
	74	.81	.78	.65		
CATANO						
SITE 002	70	1.05	1.34	1.38	1.41	1.294
	72	1.76	.78	1.06	1.76	1.339
	73		.65	.92	.94	
	74		.29	1.01		
GUAYANILLA						
SITE 002	70	.24	LD	LD	.78	
	72	.09	.11	.11	.17	.109
	73		.09	.11	.11	
	74	.11	.23			
PONCE						
SITE 002	70	1.67	1.65	1.15	1.46	1.584
	72	2.09	1.05	1.30	1.50	1.486
	73		.86	1.08	.74	
	74	.67	.39		.52	
SAN JUAN						
SITE 001	70	4.01	3.79	2.92	4.18	3.714
	72	5.88	3.23	3.64	6.27	5.007
	73		2.02	2.27	3.07	
	74	2.97	1.22	1.51		
RHODE ISLAND						
EAST PROVIDENCE						
SITE 001	70	.79	.48	1.24	1.19	.939
	71	1.01	.66	.66	1.79	1.011
	72	1.17	.39	.74	1.47	.931
	73	.81	.60	.85	.66	.704
	74			.48		
PROVIDENCE						
SITE 001	70	1.28	.94	2.50	2.11	1.706
	71	1.38	1.25	1.40	2.63	1.663
	72	1.54	1.43	.80	1.19	1.239
	73	.28	.96		1.44	
	74	.85		.94	1.76	
SOUTH CAROLINA						
COLUMBIA						
SITE 001	70	1.15	.63	.85		
	71	1.17				
	72	.66	1.41	1.17	1.08	1.093
	73	.58	1.28	.67	.77	.815
	74		.66	1.21	.46	
GREENVILLE						
SITE 001	70	2.09	1.61	1.31	2.35	1.840
	71	1.67	.97	1.03	2.26	1.467
	72	1.80	1.45	1.61	1.92	1.621
	73	2.11	.65	1.78	1.72	1.441
	74	1.00	.83	1.10	1.06	.996
SOUTH DAKOTA						
SIOUX FALLS						
SITE 001	70	.49	LD	.69	.39	.394
	71	.46	.28	.32	.72	.444
	72	.43	.49	.38		
	73	.28	.46	.34		
TENNESSEE						
CHATTANOOGA						
SITE 001	70	1.75	.99	.95	1.77	1.353
	71	.91	1.77	1.40		
	72	1.28	1.78	1.74	1.06	1.718
	73	.59	.71			
	74			.70		
KNOXVILLE						
SITE 001	70	1.02	LD	.64		

POLLUTANT : 12128 - LEAD
METHOD : HI-VOL EMISSION SPECTRA (LOW TEMP ASH)
UNITS : UG/CU METER (25 C)
DATA TYPE : QUARTERLY COMPOSITE
PROJ. CLASSIFICATION : URBAN
ANALYTICAL QUALITY : 1614-145.101

LOWER DISCRIMINATION LEVEL (LD)
70 - .002
71 - .002
72 - .015
73 - .029
74 - .014

LOCATION	YR.	1ST. QTR.	2ND. QTR.	3RD. QTR.	4TH. QTR.	YR. AVG.
TENNESSEE						
KNOXVILLE						
SITE 002	71	1.74	1.46	1.19	1.96	1.461
	72	.91	2.87	1.11	1.20	1.523
	74		.70	.61	.56	
MEMPHIS						
SITE 001	70	.77	1.10	.98	1.38	1.057
	71	1.68	1.72	.96	1.48	1.311
	72	.99	.75	1.08	1.00	.958
	73	1.17	1.98	1.86	1.89	1.768
	74	1.02	1.98	1.42	1.59	1.595
NASHVILLE						
SITE 001	70	1.26	1.33	.97	1.07	1.172
	71	.63	1.33			
	72	1.02	.74		1.15	
	73	1.33	.58	.71	.76	.796
	74	.39	.75	.65		
TEXAS						
AMARILLO						
SITE 002	71	.67				
	74		.25			
AUSTIN						
SITE 002	70			.95	1.19	
	71	.58	1.82	.31	.70	.867
	74	.27	.57			
BEAUMONT						
SITE 001	70			.75	.93	
	71	.15	.37			
	74		.60			
CORPUS CHRISTI						
SITE 001	70			.59	.90	
	71	.37		.47		
	74		.59	.91		
DALLAS						
SITE 002	70	3.79	2.28	2.45	3.69	2.153
	71	3.19	1.88	2.99	2.69	2.600
	72	3.37	1.76	2.16	2.05	2.534
	73	1.89	1.78		1.00	
	74	1.35	1.92	2.91	3.30	2.218
EL PASO						
SITE 002	70	3.99	1.66	.96	4.00	2.621
	71	2.95	2.27	.79		
	72	3.05	.77	.97	2.76	1.761
	73	1.75	1.93	1.04	1.32	1.278
	74	1.77	.88	.71	1.17	1.132
FORT WORTH						
SITE 001	70	1.62	.85	.93	1.16	1.098
	71	1.07	.70	.98	1.17	.939
	73	1.19	.82	.87	1.17	1.039
	73	1.21	.64	.95	1.11	1.005
	74	.65	.35	.58	1.06	.658
HOUSTON						
SITE 001	70	1.69	1.97	1.91	2.50	2.057
	71	1.87	1.60	1.76	2.67	1.969
	72	2.74	1.01	.92	2.32	1.689
	73	2.87	1.76	1.72	1.66	2.002
	74	1.75	2.02	1.81	2.61	2.053
LUBBOCK						
SITE 001	70			.38	.62	
	71	.35	.09	.17		
	74		.27			
PASADENA						
SITE 002	70	.87	1.11	.93	.95	.954
	71	.59	.65	.95	1.69	.955
	72	1.17	.68	1.38	.91	1.075
	73	1.19	1.09	1.18	1.15	1.201
	74	.69	.95			

LOCATION	YR.	1ST. QTR.	2ND. QTR.	3RD. QTR.	4TH. QTR.	YR. AVG.
SAN ANTONIO						
SITE 001	70	1.17	.78	.87	2.09	1.124
	71	1.50	.95	.58	1.65	1.176
	72	1.84	.48	.96	.89	.992
	73	1.00		.84	2.00	
	74	1.00	.91	.93	1.39	1.045
WICHITA FALLS						
SITE 001	70			.71		
	71	.39	.26	.22		
WICHITA FALLS						
SITE 002	74	.31		.45		
UTAH						
OGDEN						
SITE 001	70	1.33	.99	1.25	1.71	1.125
	71	1.99	.97	1.04	1.55	1.477
	72	1.23	.89	1.02	2.01	1.287
	73	.75	.98	1.07	1.70	.987
SALT LAKE CITY						
SITE 001	70	1.40	1.05	1.96	1.59	1.499
	71	1.79	1.06		2.00	
	72	1.95	.90	1.25	2.13	1.557
VERMONT						
BURLINGTON						
SITE 001	70	.66	.67	.60	1.09	.731
	71	.76	.67	.56		
	72	.77				
	74	.59	.62	.63	1.29	.792
VIRGINIA						
DANVILLE						
SITE 001	70	.79	.48	.90	1.12	.837
	71	.58	.38	.41		
	72	.61	.60	.68	.79	.590
	73	.62				
	74	.61	.79			
FAIRFAX CO						
SITE 001	71	.70	.67	1.55	2.03	1.135
	72	1.19	1.79	1.09	1.37	1.224
	73	.94	.79	1.09		
HAMPTON						
SITE 001	70	.83	.67	.38	.85	.850
	71	.80	.76	.61	1.09	.790
	72	.86	.96	.91	.99	.709
	73	.77	.79	.60	1.22	.731
	74	.30	.17	.57	.63	.406
LYNCHBURG						
SITE 001	70	2.74	1.92	2.09	2.91	2.404
	71	1.81	1.71	.95	1.60	1.818
	72	1.80	1.19	1.31	1.15	1.752
	73	1.08	.67			
	74			.68	.97	
NEWPORT NEWS						
SITE 001	70	.67	.37	.96	1.07	.787
	71	.84	.30	.59	1.35	.669
	72	.56	.30	.67		
	73	.71	.39	.63		
	74		.60			
NORFOLK						
SITE 001	70	.67	.96	.60	.79	.629
	71	.37	.85	.51	.75	.519
	72	.66	.35	.57	.79	.590
	73	.81	.38	.55	.99	.684
	74	.19	.65	.59	.53	.441
PORTSMOUTH						
SITE 001	70	.80	.67	.74	1.11	.829
	71	1.06	.67		1.74	
	72	.93	.75	.99	1.06	.912
	73	.83	.67	.73	.79	.772
	74		.68		.61	

POLLUTANT : 12128 - LEAD
METHOD : HI-VOL EMISSION SPECTRA (LOW TEMP ASH)
UNITS : UG/CU METER (25 C)
DATA TYPE : QUARTERLY COMPOSITE
PROJ. CLASSIFICATION : URBAN
ANALYTICAL QUALITY : 10(+-)05.10

LOWER DISCRIMINATION LEVEL (LD)
70 - .002
71 - .002
72 - .005
73 - .009
74 - .014

LOCATION	YR.	1ST. QTR.	2ND. QTR.	3RD. QTR.	4TH. QTR.	YR. AVG.
VIRGINIA						
RICHMOND						
SITE 002	70	.98	1.04	1.05	1.19	1.107
	71				2.70	
	72	1.65	1.14			
	74	.62	1.59	.78	.98	.987
ROANOKE						
SITE 001	70	1.09	1.03	1.15	1.57	1.209
	71	1.97	1.25	1.47	1.97	1.588
	72	.98	.98	.09		
	73	.50		.67	.11	
	74	.65	.70	.51		
WASHINGTON						
SEATTLE						
SITE 001	70	2.29	1.29	1.41	1.36	1.683
	71	2.87	1.66	2.29	2.83	2.202
	73	.97	.81	.97		
	73	1.39	1.17	1.42	1.52	1.362
	74	.55	1.49			
SPOKANE						
SITE 001	70	.85	.86	.73	1.01	.764
	71	.88	.80	1.02	.89	.875
	72	.67	.68	.76	.91	.695
	73	.73	.67	.55		
	74	.35	.60			
TACOMA						
SITE 001	70	1.72	.76	.88	1.77	1.262
	71	1.51	.82	.83	.85	1.058
	72	1.87	.80	.86	1.77	1.014
	73	1.15	.68	.89	.85	.809
	74	.61				
WEST VIRGINIA						
CHARLESTON						
SITE 001	70	.72	.87	1.00	.71	.825
	71	.68	1.30	.77	1.01	.936
	74	1.19	.67	.97	.72	.885
HUNTINGTON						
SITE 001	71		2.02	1.54	2.78	
HUNTINGTON						
SITE 005	72	.89		.65	1.38	
	73	.73		1.09	1.38	
	74	.76				
SOUTH CHARLESTON						
SITE 001	70	.87	.67	.90	.58	.648
	71	.65	.71	.59	1.20	.787
	73	.35			.87	
	73	.55	.84	.68		
	74	.60	.83	1.01	1.02	.866
WISCONSIN						
EAU CLAIRE						
SITE 002	70	.50	.61	.52	.73	.589
	71	.36	.36	.37	.51	.400
	72	.31	.31	.34	.43	.350
	73	.33	.37	.22		
	74	.21				
KENOSHA						
SITE 001	70	.71	.51	.77	.78	.681
	71	.59	.91	.88	.90	.707
	72	.57	.80	.70	.99	.787
	73	.44	.36	.58		
	74				.79	
MADISON						
SITE 001	70	.88	.78	1.12	1.33	1.017
	71	1.19	1.00	1.16	1.61	1.739
	72	1.08	1.66	1.38	1.61	1.410
	73	.81	.66	.63		
	74	.59	.98	.78	1.62	.963
MILWAUKEE						
SITE 001	70	1.36	1.11	1.36	1.42	1.314
	71	1.31	1.66	1.40	1.83	1.546
	72	1.07	1.98	1.86	1.85	1.477
	73	1.13	.64	.80		
	74			1.05	.48	
RACINE						
SITE 001	70	.59	.37	.38	.43	.425
	71		.66	.55	.87	
	72	.40	.64	.61	.69	.584
	73	.38	.94	.36		
	74	.39	.17	.49	.43	.369
SUPERIOR						
SITE 001	70	.66	.39	.24	.38	.401
	71	.28	.18			
	72	.19	.19			
	73		.24		.37	
	74		.63			
WYOMING						
CASPER						
SITE 001	70	.19	.31	.85	LD	.240
	72		.43	.42	.88	
	73	.58	.22	.24	.34	.348
CHEYENNE						
SITE 001	70	.30	.22	.30	.70	.378
	72		.18	.25	.78	
	73	.42				

POLLUTANT : 12128 - LEAD
METHOD : HI-VOL EMISSION SPECTRA (FLOW TEMP ASH)
UNITS : UG/CU METER (25 C)
DATA TYPE : QUARTERLY COMPOSITE
PROJ. CLASSIFICATION : NON-URBAN
ANALYTICAL QUALITY : 1414-145.109

LOWER DISCRIMINATION LEVEL (LD)
70 - .0219
71 - .0219
72 - .0146
73 - .0293
74 - .0145

LOCATION	YR.	1ST. QTR.	2ND. QTR.	3RD. QTR.	4TH. QTR.	YR. AVG.
*ARIZONA						
GRAND CANYON NAT						
SITE 001	70	LD	.210	.307	LD	
	71	LD	LD	1.174		
	72				.104	
	73	.019	.152		LD	
	74	.080	.167	.408	.146	.2002
MARICOPA CO						
SITE 005	73	.195		LD	.073	
	74	.057	.048			
*ARKANSAS						
MONTGOMERY CO						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD		
	72	1.068		.122	.194	
	73	LD	.147	LD		
	74	.057	.083	.080	.079	.0762
*CALIFORNIA						
HUMBOLDT CO						
SITE 001	70	LD	LD	.257	.560	
	71	LD				
*COLORADO						
MESA VERDE NAT PAR						
SITE 002	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72		LD	LD	LD	
	73	LD	LD	.091	LD	
*DELAWARE						
KENT CO						
SITE 001	70	.139	LD	LD		
	71	LD			.208	
	72			.178	.307	
	73			.151		
*FLORIDA						
HARDEE CO						
SITE 001	70	.158	LD	LD	.209	
	71	LD	LD	LD	.091	
	72	.053	.108	.090	.158	.1512
	73				.105	
	74	.272	.242			
*HAWAII						
HAWAII CO						
SITE 001	72	.201	LD	LD	LD	
	73			.110	LD	
	74	LD	LD		LD	
HAWAII CO						
SITE 002	72	.183	.114	.089	.058	.1129
	73	.068	LD		.058	
	74	.079			LD	
HAWAII VOLCANOES						
SITE 001	72	LD	LD	LD	LD	
	73	LD	LD		LD	
	74		LD	LD		
*IDAHO						
BUTTE CO						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73	LD	LD	LD	LD	
	74	LD	LD			
*INDIANA						
MONROE CO						
SITE 001	70	.198	.158	LD	.171	.1339
	71	LD	LD	LD	.063	
	72	.097	.181	.066	.178	.1171
	73	LD	LD			
	74		.534	.165		
PARKE CO						
SITE 001	70	.248	LD	LD	.383	

LOCATION	YR.	1ST. QTR.	2ND. QTR.	3RD. QTR.	4TH. QTR.	YR. AVG.
	71	LD	LD	LD	.135	
	72	.133	.132	.123		
	74		.087			
*LOUISIANA						
TERREBYLLE PAR						
SITE 001	74	.092	.074	.100	.171	.1090
*MAINE						
ACADIA NAT PARK						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	.074	.080	.084	.107	.0875
	73		.100	.035	.050	
	74	.091	.098	.061		
*MARYLAND						
CALVERT CO						
SITE 001	70	LD				
	72		.202	.246		
	73				.195	
	74			.207		
*MISSISSIPPI						
JACKSON CO						
SITE 001	70	LD	.248	LD		
	72	.298	.185	.214	.197	.2125
	73	.322	LD			
	74	.088	.082	.173	.155	.1746
*MISSOURI						
SHANNON CO						
SITE 002	70	LD	LD	LD	LD	
	72		.058	.082	.550	
	73	LD	.076	LD	LD	
	74	.053	.054		.317	
*MONTANA						
GLACIER NAT PARK						
SITE 001	70	1.471	LD	LD		
	72	.039	.950	LD	LD	
*NEBRASKA						
THOMAS CO						
SITE 001	70	LD	LD	LD	LD	
	72	LD		LD	.034	
	73	.233	LD	LD	LD	
	74	LD	LD			
*NEVADA						
WHITE PINE CO						
SITE 001	70	LD	LD	LD	LD	
	71	LD			LD	
	72	LD	LD	LD	LD	
	73	LD	.057	LD	LD	
	74	LD	LD	LD	LD	
*NEW HAMPSHIRE						
BELKNAP CO						
SITE 001	72	.215	.188	.200		
	73	.083		.195		
COOS CO						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD		
	72			.081	.138	
	73	.047	.165		.077	
	74	LD	LD	LD		
*NEW MEXICO						
RIO ARRIBA CO						
SITE 001	70	LD				
	71		LD			
	72	LD	LD	LD	.088	
*NEW YORK						
JEFFERSON CO						
SITE 001	70	LD	LD	.165	LD	
	71	LD	LD	LD	LD	
	72	.131	.123	.113		
	73			.143		
	74	.100	.087	.099		

POLLUTANT : 12179 - LEAD
METHOD : HI-VOL EMISSION SPECTRA (LOW TEMP ASH)
UNITS : UG/CU METER (25 C)
DATA TYPE : QUARTERLY COMPOSITE
PROJ. CLASSIFICATION : NON-URBAN
ANALYTICAL QUALITY : 10%+-10%.10%

LOWER DISCRIMINATION LEVEL (LD)
70 - .0219
71 - .0219
72 - .0146
73 - .0293
74 - .0146

LOCATION	YR.	1ST. QTR.	2ND. QTR.	3RD. QTR.	4TH. QTR.	YR. AVG.
NORTH CAROLINA						
CAPE HATTERAS NAT						
STTE 001	70	.152	LD	LD	LD	
	71	LD	LD	LD		
	72	.087	.078			
OKLAHOMA						
CHEROKEE CO						
STTE 001	70	LD	LD	LD	LD	
	71	LD	LD		LD	
	72	.150	.093	.077	.107	.1047
	73	.087	.118	.093	.097	.0979
	74	.089	.087	.057		
OREGON						
CURRY CO						
STTE 001	70	LD	LD	LD	LD	
	71	LD	LD			
	72	LD	LD	LD	LD	
	73	LD	LD	LD		
	74	LD				
PENNSYLVANIA						
CLARION CO						
STTE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	.061	
	72	.156	.107	.174	.202	.1695
	74	LD	.132	.163		
INDIANA CO						
STTE 001	72	.160	.183			
INDIANA CO						
STTE 002	72				.688	
	74	.725			.937	
INDIANA CO						
STTE 003	72	.291	.181	.191	.230	.2318
RHODE ISLAND						
WASHINGTON CO						
STTE 002	70	.239	LD	.258	.184	.2152
	71	.058	.099	.057	.207	.1067
	72	.273	.158	.208		
	73			.315	.294	
	74	.115				
SOUTH CAROLINA						
RICHLAND CO						
STTE 002	70	.235				
	71	LD	.060	.184	LD	
	72	.208	.248	.196	.150	.2298
	73	.291	.265	.196	.298	.1929
	74	.230	.152	.193		
SOUTH DAKOTA						
BLACK HILLS NAT FO						
STTE 001	70	LD	LD	LD		
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73	LD	LD	LD	LD	
TENNESSEE						
CUMBERLAND CO						
STTE 001	70	LD	LD	.165	.163	LD
	71	LD				
TEXAS						
MATAGORDA CO						
STTE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD		
	72	.058	LD	LD	.177	
	73	.132	.076	.099	.176	.1705
	74	.208	.090	.097	.088	.1708
TOM GREEN CO						
STTE 001	70	.305	LD	LD	.220	
	71	.058	LD		.177	
	72	.268	.087	.128	.327	.1974
	73	.229	.138	.141	.139	.1631
	74	.161	.077	.096		
VERMONT						
ORANGE CO						
STTE 001	70	.161	LD	LD	.197	
	71	.155	LD	.050		
	72	.235	.156	.181	.288	.2176
	73		.135	.242	.171	
	74	.192	.091		.166	
VIRGINIA						
SHENANDOAH NAT PAR						
STTE 001	70	.183	.172	.270	.265	.2224
	71	LD	LD	.085		
	72	.209	.093	.150	.211	.2658
	74		.185	.093		
WYTHE CO						
STTE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD		
	72	.089	.087	.110	.156	.1093
	73	.097	.121	.158	.197	.1798
	74	.075			.055	
WASHINGTON						
KING CO						
STTE 002	70	.606	.488	.603	.628	.5817
	71	.781	.796			
	72	.774	.617	.892	.392	.5527
	73	.621	.896	.500	.592	.6828
	74	.729				
WISCONSIN						
DOOR CO						
STTE 001	70	LD	LD			
	72	LD	.076	.058	.092	.0550
	73	.079		LD		
WYOMING						
GRAND TETON NAT PI						
STTE 001	72		LD	LD	LD	
	73	LD	LD	LD	LD	
YELLOWSTONE NAT PI						
STTE 001	70	LD	LD	LD		
	72		LD	LD	LD	
	73	LD	LD	LD	LD	

POLLUTANT : 12132 - MANGANESE
METHOD : HI-VOL EMISSION SPECTRA (FLOW TEMP ASH)
UNITS : UG/CU METER (25 C)
DATA TYPE : QUARTERLY COMPOSITE
PROJ. CLASSIFICATION : URBAN
ANALYTICAL QUALITY : 2914-181.071

LOWER DISCRIMINATION LEVEL (LDL)
70 - .000
71 - .000
72 - .000
73 - .001
74 - .001

LOCATION	YR.	1ST. QTR.	2ND. QTR.	3RD. QTR.	4TH. QTR.	YR. AVG.
ALABAMA						
BIRMINGHAM						
SITE 003	70	.17		.53	.32	
	71	.11	.35		.44	
	72	.10	.20	.11	.22	.159
	73	.17	.33	.09	.19	.182
	74	.22	.16	.06	.24	.170
GADSDEN						
SITE 001	70	.06	.06	.07	.10	.071
	71	.09	.11	.08	.06	.040
	72	.06	.05	.05	.02	.043
	73	.06	.06	.09	.06	.063
	74	.07	.05	.02	.04	.037
HUNTSVILLE						
SITE 001	70	.07	.07	.06	.07	.079
	71	.06	.08	.06	.06	.038
	72	.05	.05	.03	.02	.028
	73	.03	.03	.06		
	74		.02	.03		
MOBILE						
SITE 001	70	.01		.03	.03	
	71	.07	.05			
	72	.06	.03	.22	.07	.082
	73	.07	.03	.03	.03	
	74		.03	.06	.21	
MONTGOMERY						
SITE 001	70	.06	.06	.03	.06	.061
	71	.07	.06	.06	.06	.043
	72	.01	.03	.04	.03	.016
	73	.01	.02		.02	
	74	.01	.02	.06	.02	.013
ALASKA						
ANCHORAGE						
SITE 003	70	.03	.05	.05	.08	.051
	71	.05	.09	.01	.01	.029
	72	.01	.06	.05	.03	.038
	73	.05	.03	.03	.03	.036
	74	.05		.08		
FAIRBANKS						
SITE 001	70	.03	.05	.06		
	71				.03	
	72	LD	.09	.06	.01	.039
	73			.03	.01	
	74			.01		
ARIZONA						
DOUGLAS						
SITE 001	71	.09	.11			
	72	.03	.01	.02	.01	.018
	73			.02	.03	
	74	.03	.04	.01		
MARICOPA CO						
SITE 001	70	.05	.03	.03	.05	.028
	71	.04	.05		.05	
PHOENIX						
SITE 002	70	.05		.06	.08	
	71	.08	.07	.09	.07	.078
	72	.06	.06	.07	.05	.056
	73	.07	.06	.06	.07	.050
	74	.07	.07	.03	.03	.051
TUCSON						
SITE 001	70	.06	.06	.01	.06	.037
	71	.05	.06	.06	.02	.037
	72	.06	.03	.02	.01	.027
	73	.01	.02	.01	.02	.018
	74	.03	.01	.02	.02	.016
ARKANSAS						
LITTLE ROCK						
SITE 001	70	.06	.02	.01	.06	.032
	71	.07		.06	.06	

LOCATION	YR.	1ST. QTR.	2ND. QTR.	3RD. QTR.	4TH. QTR.	YR. AVG.
	72		.01	.02		
	73	.03				
	74	.07	.01	.02	.07	.018
TEXARKANA						
SITE 001	70	.03		.01	.02	
	71	.04	.06			
	72			.02		
	73		.00			
	74				.01	
WEST MEMPHIS						
SITE 001	70	.04	.14	.11	.07	.090
	71	.05	.18	.10	.07	.098
	72	.03	.07	.00		
	73		.03	.02	.01	
	74	.04	.06	.03	.07	.044
CALIFORNIA						
ANAHEIM						
SITE 001	70	.03	.06	.04	.04	.035
	71	.05	.03	.04	.03	.039
	72	.03	.02	.01	.02	.020
	73	.03	.02	.02		
	74	.03	.02	.02	.03	.020
BERKELEY						
SITE 001	70	.03	.02	.03		
	71			.01	.01	
	72	.01	.01	.01	.01	.009
	73	.00	.02	.01	.02	.012
	74	.00	.00	.01	.01	.007
BURBANK						
SITE 002	70	.03	.05	.02	.03	.040
	71	.04	.05	.04	.03	.041
	72	.04	.04	.00	.01	.020
	73	.01	.03	.06	.03	.033
	74	.03	.02	.01	.03	.016
FRESNO						
SITE 002	70	.03	.03	.05	.04	.035
	71	.01	.03			
	72	.01	.03	.01	.03	.021
	73	.03	.04	.04	.04	.034
	74	.03	.02	.03	.03	.026
GLENDALE						
SITE 001	70	.03	.03	.03	.03	.026
	71	.03	.02	.03	.02	.024
	72	.03	.02	.02	.01	.017
	73	.01	.01	.03	.01	.015
	74	.01	.02			
LONG BEACH						
SITE 001	70	.04	.02	.04	.04	.034
	71	.03	.02	.04	.03	.029
	72	.03	.02	.03	.02	.027
	73	.01	.03			
	74	.05	.03	.03	.02	.033
LOS ANGELES						
SITE 001	70	.05	.05	.06	.06	.049
	71	.04	.04	.04	.05	.046
	72	.04	.02	.03	.03	.030
	73	.03	.02	.04		
	74	.03	.03	.02	.03	.024
OAKLAND						
SITE 001	70	.03	.03	.05	.03	.037
	71	.04	.02	.02	.03	.031
	72	.01	.01	.02	.01	.012
	73	.01	.03	.01		
	74	.01	.02	.01	.04	.021
ONTARIO						
SITE 001	70	.05	.05	.07	.05	.057
	71	.05	.05	.08	.06	.062
	72	.04	.03	.03	.04	.035
	73	.02	.02			
	74	.04	.04			

POLLUTANT : 12132 - MANGANESE
METHOD : HI-VOL EMISSION SPECTRA (LOW TEMP ASH)
UNITS : UG/CU METER (25 C)
DATA TYPE : QUARTERLY COMPOSITE
PROJ. CLASSIFICATION : URBAN
ANALYTICAL QUALITY : 29(+-)81.023

LOWER DISCRIMINATION LEVEL (LD)
70 - .000
71 - .000
72 - .000
73 - .001
74 - .001

LOCATION	YR.	1ST. QTR.	2ND. QTR.	3RD. QTR.	4TH. QTR.	YR. AVG.
CALIFORNIA						
PASADENA						
SITE 001	71	.08	.07	.02	.02	.029
PASADENA						
SITE 002	70	.08	.04	.05	.01	.035
	72		.02	.01	.01	
	73	.01	.03	LD		
	74	.02	.02	.02	.02	.020
RIVERSIDE						
SITE 001	70	.03	.04	.03	.03	.034
	71	.02			.04	
	72	.01	.01	.03		
SACRAMENTO						
SITE 001	70	.01	.03	.02	.04	.025
	71	.01	.02	.03	.02	.023
	72	.01	.01	.02	.01	.010
	73	.01	.02	.04	.01	.021
	74	.01	.02	.02	.01	.016
SAN BERNARDINO						
SITE 001	70	.04	.07	.10	.05	.066
	71	.02	.05	.11	.02	.053
	72	.05	.05	.06	.03	.047
	73	.02	.08	.04		
	74	.02	.02	.02	.03	.037
SAN DIEGO						
SITE 001	70	.02	.01	.02	.02	.022
	71	.02	.01	.02		
	72	.01	.02	.01	.01	.015
	73	.02	.02	.02	.04	.040
	74	.02	.03	.01	.02	.021
SAN FRANCISCO						
SITE 001	70	.01	.01	.01	.01	.010
	71	.01	.02	.01	.01	.013
	72	.01	.01	.01	.01	.009
	73	.01	.01	.01	.01	.011
	74	.01	.00	.01	.00	.008
SAN JOSE						
SITE 002	70	.02	.03			
SAN JOSE						
SITE 003	70			.04	.04	
	71	.04	.06	.05		
SAN JOSE						
SITE 004	72	.02	.02	.02		
	73		.02	.02	.02	
	74	.02	.01	.02	.02	.016
SANTA ANA						
SITE 001	70	.02	.04	.05	.01	.030
	71	.02	.04	.05	.04	.051
	72	.02	.02	.02	.01	.020
	73	.01	.02	.02	.01	.015
	74	.01	.01	.01	.01	.014
TORRANCE						
SITE 001	70	.02	.03	.02	.04	.029
	71	.05	.03	.02		
	72	.01	.02		.02	
	73	.01	.02	.01	.04	.029
	74	.02	.01	.01	.02	.020
COLORADO						
DENVER						
SITE 001	70	.05	.03	.03	.05	.040
	71	.05	.03	.03	.03	.053
	72	.04	.03		.06	
	73	.09				
CONNECTICUT						
BRIDGEPORT						
SITE 001	70	.05	.02	.03	.02	.030
	71	.04	.02	.02	.02	.026
	72	.02	.01	.02	.01	.010
	73	.01	.01	.01	.02	.011
	74	.01	.01	.01	.01	.010
HARTFORD						
SITE 001	70	.03	.02	.02	.01	.027
	71	.04	.03	.02	.04	.029
	72	.03		.01	.01	
	73	.02				
	74	.01	.02	.01	.02	.015
NEW HAVEN						
SITE 001	70	.05	.03	.02	.02	.032
	71	.05	.03	.02	.02	.035
	72	.02				
	74	.02	.02	.01	.02	.016
WATERBURY						
SITE 001	70	.04	.04	.02	.02	.033
	71	.05	.04	.02	.04	.038
	72	.02	.02	.02	.01	.019
	73	.02	.02	.02	.01	.019
	74	.04	.02	.02	.02	.026
DELAWARE						
NEWARK						
SITE 001	70	.05	.05	.06	.04	.049
	71	.04	.04	.04	.02	.042
	72	.03	.02	.02		
	73	.04	.02	.03	.02	.027
	74	.02		.02		
WILMINGTON						
SITE 003	70	.07	.04	.05		
	71	.11			.02	
	72	.03	.04	.04	.02	.037
	73	.03			.03	
	74	.04			.02	
DISTRICT OF COLUMBIA						
WASHINGTON						
SITE 001	70	.04	.03		.02	
	71	.06	.04	.03	.02	.037
	72	.03	.02		.02	
	74	.01				
FLORIDA						
JACKSONVILLE						
SITE 002	70	.03	.02	.02	.02	.027
	71	.02	.02	.01	.01	.019
	72	.01	.01	.00	.00	.006
	73	.01	.02	.01	.02	.018
	74			.01	.01	
MIAMI						
SITE 002	70	.01	.01	.01	.01	.009
	71	.02	.02	.01	.01	.011
	72	LD	.00	.01	LD	
	73	.00	.01	.01		
	74	.00	.01	.00	.00	.005
ST PETERSBURG						
SITE 002	70	.01	.01	.01	.01	.010
	71	.02	.02	.01	.02	.014
	72	.00	.01	.00	.00	.007
	73	.01		.00		
	74			.00	.00	
TAMPA						
SITE 002	70	.03	.03	.03	.03	.033
	71	.07	.02	.02		
	72	.02	.01	.02	.02	.019
	73	.02			.01	
	74		.01	.02	.01	
GEORGIA						
ATLANTA						
SITE 001	70	.12	.05	.04	.07	.071
	71	.03	.07	.04	.04	.047
	72	.02	.05	.02	.05	.035
	73	.04	.03	.03	.03	.031
	74	.02	.02	.01	.03	.021

POLLUTANT : 12139 - MANGANESE
METHOD : HI-VOL EMISSION SPECTRA (LOW TEMP ASH)
UNITS : UG/CU METER (25 C)
DATA TYPE : QUARTERLY COMPOSITE
PROJ. CLASSIFICATION : URBAN
ANALYTICAL QUALITY : 2814-141.029

LOWER DISCRIMINATION LEVEL (LD)
70 - .000
71 - .000
72 - .000
73 - .001
74 - .001

LOCATION	YR.	1ST. QTR.	2ND. QTR.	3RD. QTR.	4TH. QTR.	YR. AVG.
GEORGIA						
COLUMBUS						
SITE 001	70	.08	.07	.03	.02	.029
	71	.08	.06	.02	.03	.033
	72	.07	.02	.01	.02	.017
	73	.08	.07	.02	.04	.031
	74		.01	.01	.02	
SAVANNAH						
SITE 001	70	.02	.02	.02	.04	.026
	71	.02	.07	.01	.02	.019
	72		.01		.01	
	73	.02	.04	.01		
HAWAII						
HONOLULU						
SITE 001	70	.01	.01	.01	.01	.009
	71	.02	.01	.01	.01	.013
	72		.00	.00	.00	
	73	.00	.01	.00	.00	.003
	74	.01	.00	.01	.01	.008
IDAHO						
BOISE CITY						
SITE 001	70	.02	.02	.03	.02	.022
	71	.02	.02	.04	.02	.029
	72	.01	.01	.02	.01	.013
	73	.01	.02	.03	.01	.017
	74	.01	.02			
ILLINOIS						
CHICAGO						
SITE 001	70	LD	LD	LD	LD	
	71	.05	.16	.07	.05	.088
	72	.05	.07	.04	.05	.041
	73			.03		
	74				.03	
EAST ST LOUIS						
SITE 001	70	.07				
	71	.05	.08	.04	.08	.067
	72	.04	.06	.03	.04	.044
	73	.07		.05		
	74			.08		
EAST ST LOUIS						
SITE 004	70			.05		
JOLIET						
SITE 001	70	.08	.09	.06		
	71	.04	.04	.05		
	72	.07	.07	.03	.03	.038
	73	.02	.01	.04		
MOLINE						
SITE 001	72		.07	.06	.04	
	73	.05	.05	.07		
	74	.09	.04	.07	.05	.063
NORTH CHICAGO						
SITE 002	70	.07	.09	.04	.07	.057
	71	.04	.05	.04	.04	.040
	72	.02	.04	.03	.03	.031
	73	.07	.01	.02		
	74	.02				
PEORIA						
SITE 001	70	.11	.04	.09	.07	.090
	71	.07	.06	.06	.06	.066
	72	.04	.05	.03	.03	.038
	73	.02	.02	.06		
ROCKFORD						
SITE 001	70	.02	.04			
	71	.05		.05		
	72	.04	.04	.04		
	73		.02			
	74				.01	
ROCK ISLAND						
	70	.04	.09	.07	.11	.081
	71	.05	.10	.10	.09	.087
	72	.04	.08	.06		
	73		.01	.06		
	74		.05	.07	.05	
SPRINGFIELD						
SITE 001	70	.03	.04	.07	.04	.036
	71	.04	.05	.04	.06	.048
	72	.03	.04	.04	.02	.032
	73	.03	.02	.02		
	74	.02	.03	.04	.02	.028
INDIANA						
EAST CHICAGO						
SITE 001	70	.29	.33	.22	.33	.290
	71	.23	.53	.22	.17	.288
	72	.06	.19	.21	.22	.171
EVANSVILLE						
SITE 001	70	.04	.05	.08	.07	.061
	71	.05	.07	.03	.04	.056
	72	.03	.06	.04	.03	.038
	73	.02	.03	.03		
	74		.07	.05	.02	
FORT WAYNE						
SITE 001	70	.05	.04	.03	.05	.046
FORT WAYNE						
SITE 002	71	.03	.05	.06	.05	.050
	72	.02	.04	.03	.04	.037
	73	.03	.04	.04		
GARY						
SITE 001	70	.20	.29	.22	.15	.196
	71	.30	.17		.28	
	72	.11	.12	.15	.08	.114
	73	.13	.11	.08	.07	
	74	.09	.06	.11	.07	.080
HAMMOND						
SITE 001	70	.24	.12	.12	.26	.187
	71	.08	.24	.13	.17	.153
HAMMOND						
SITE 002	72	.06	.04	.11	.08	.122
	73	.08	.11	.08		
	74	.07	.08	.12	.06	.083
INDIANAPOLIS						
SITE 001	70	.04	.05	.06	.07	.056
	71	.03	.07	.04	.07	.054
	72	.04	.04	.05		
	74		.04	.04		
MUNCIE						
SITE 001	70	.06	.05			
	71			.04	.06	
	72	.03				
NEW ALBANY						
SITE 002	70	.06	.03	.07	.08	.053
	71	.04				
	72		.04	.03	.03	
	73	.03	.03	.02		
	74		.02			
SOUTH BEND						
SITE 002	70	.08	.02	.04	.07	.053
	71	.06	.07	.05		
	72		.04	.04	.02	
	73	.07	.03	.02		
	74	.04	.04	.02	.04	.037
TERRE HAUTE						
SITE 001	70	.04	.04	.04	.04	.038
	71	.04		.04		
	72	.02	.03	.01	.02	.021
	73	.01	.01			
	74		.02	.02	.03	

POLLUTANT : 01132 - MANGANESE
METHOD : HI-VOL EMISSION SPECTRA (LOW TEMP ASH)
UNITS : UG/CU METER (25 C)
DATA TYPE : QUARTERLY COMPOSITE
PROJ. CLASSIFICATION : URBAN
ANALYTICAL QUALITY : 2014-141.003

LOWER DISCRIMINATION LEVEL (LDL)
70 - .000
71 - .000
72 - .000
73 - .001
74 - .001

LOCATION	YR.	1ST. QTR.	2ND. QTR.	3RD. QTR.	4TH. QTR.	YR. AVG.
IOWA						
CEDAR RAPIDS						
SITE 001	70	.05	.05	.05	.05	.051
	71	.05	.11	.10		
	72	.02	.05	.04	.07	.035
	73	.07	.07	.04	.05	.035
	74	.08	.00	.03	.05	.029
DAVENPORT						
SITE 001	70	.10	.07	.09	.15	.111
	71	LD		.16	.17	
	72	.09	.09	.06	.07	.079
	73	.10	.11	.05	.05	.081
	74	.05	.06	.05	.06	.056
DES MOINES						
SITE 001	70	.03	.06	.06	.05	.048
	71	.08	.06	.07	.07	.058
	72	.02	.06	.03	.03	.036
	73	.02	.08	.05	.03	.038
	74	.07	.05	.03	.03	.034
DUBUQUE						
SITE 001	70	.09	.17			
DUBUQUE						
SITE 002	71		.07			
	72	.02	.05	.02	.05	.037
	73	.05	.07	.06	.07	.049
	74	.02	.06	.06	.02	.034
DUBUQUE						
SITE 008	74	.02	.02	.06	.01	.028
WATERLOO						
SITE 001	71		.07	.08	.10	
WATERLOO						
SITE 004	72	.37	.08			
	73		.05	.02	.03	
	74	.05	.10	.03	.03	.055
KANSAS						
KANSAS CITY						
SITE 002	70	.04	.04	.05	.05	.047
	71	.07	.06	.07	.06	.062
	72	.03	.04	.02	.03	.029
	73	.07	.07	.06	.02	.039
	74	.07	.01	.03	.03	.029
KANSAS CITY						
SITE 012	74		.07	.03	.02	
TOPEKA						
SITE 001	70	.02	.03	.03	.04	.030
	71	.09	.06	.05	.06	.061
	72	.03	.03	.02	.01	.021
	73		.02	.01	.01	
	74	.02	.01	.01	.01	.014
WICHITA						
SITE 002	70	.02	.02	.04	.03	.026
	71	.07	.04	.03	.02	.031
	72	.02	.05	.02		
	73	.01	.02	.01	.01	.017
	74	.01	.01	.02	.01	.011
KENTUCKY						
ASHLAND						
SITE 002	70	.15	.16	.10	.10	.130
	71	.17	.25	.13		
	72	.07	.21	.11	.16	.138
	73	.10	.10		.11	
	74	.11	.15	.06	.05	.097
BOWLING GREEN						
SITE 001	70	.04	.02	.04	.03	.033
	71	.04	.05	.03	.03	.037
	72	.03	.02	.05	.02	.039
	73	.02	.02	.02	.02	.020
	74	.02	.02	.02	.02	.020
COVINGTON						
SITE 001	70	.14	.11	.25	.17	.171
	71	.22	.11	.15	.35	.167
	72	.14	.05	.07	.05	.077
	73	.02	.02			
	74	.05	.04	.06	.04	.046
LEXINGTON						
SITE 001	70	.05	.07	.04	.07	.038
	71	.10	.05	.05	.07	.065
	72	.09	.02	.06	.03	.037
	73	.03	.04			
	74				.02	
LOUISVILLE						
SITE 002	72	.03	.04			
	73			.04	.02	
	74		.02	.03	.02	
LOUISVILLE						
SITE 003	70		.06	.05	.12	
	71	.07	.06	.07	.07	.066
LOUISIANA						
BATON ROUGE						
SITE 001	70	.02	.02	.02	.03	.022
	71	.03	.03	.02	.02	.025
	72	.02	.02	.01	.00	.017
	73	.01	.01	.02		
	74	.01	.01	.01	.01	.012
NEW ORLEANS						
SITE 002	70	.04	.03	.04	.04	.037
	71	.03	.03	.03	.04	.032
	72	.04	.02	.02	.02	.024
	73	.01	.02	.02		
	74	.02	.02		.02	
SHREVEPORT						
SITE 001	70	.01	.02	.03	.10	.040
	71	.15	.05	.04	.05	.075
	72	.04	.03	.08	.03	.045
	73		.03	.08	.08	
	74	.05	.04	.03	.04	.040
MAINE						
PORTLAND						
SITE 002	70	.03	.03	.03	.01	.028
	71	.07	.04	.04	.02	.042
	72	.01	.01			
	73		.02			
	74	.02	.02	.02		
MARYLAND						
BALTIMORE						
SITE 001	70	.10	.05	.16	.04	.087
	71	.13	.04		.05	
	72	.04	.05	.07	.02	.065
	73	.03	.04	.07	.04	.034
	74	.04	.04	.06	.02	.051
MASSACHUSETTS						
BOSTON						
SITE 001	70	.03		.03	.02	
	71		.07			
	72	.01	.01	.04		
	73				.02	
	74		.01	.02		
CAMBRIDGE						
SITE 001	70		.01		.02	
	71	.03	.02	.02	.06	.033
	72		.01			
	73			.01	.00	
	74		.01	.01		

POLLUTANT : 12137 - MANGANESE
METHOD : HI-VOL EMISSION SPECTRA (LOW TEMP ASH)
UNITS : UG/CU METER (25 C)
DATA TYPE : QUARTERLY COMPOSITE
PROJ. CLASSIFICATION : URBAN
ANALYTICAL QUALITY : 79(+-)01.029

LOWER DISCRIMINATION LEVEL (LD)
70 - .000
71 - .000
72 - .000
73 - .001
74 - .001

LOCATION	YR.	1ST. QTR.	2ND. QTR.	3RD. QTR.	4TH. QTR.	YR. AVG.
MASSACHUSETTS						
FALL RIVER						
STYE 002	70	.07	.03	.02	.01	.022
	71	.04	.02	.02	.02	.025
	73			.01	.00	
	74		.00	.01		
NEW BEDFORD						
STYE 001	70		.01			
	72		LD			
	73			.00	.00	
	74		.00	.01		
SPRINGFIELD						
STYE 002	70	.04	.02	.02	.03	.026
	71	.07	.02			
	72		.01	.02	.02	
	73	.02	.01			
	74		.02	.02		
WORCHESTER						
STYE 001	70	.08	.08	.04	.05	.060
	71	.08	.07	.04	.07	.065
	72	.07	.07	.02	.02	.034
	73	.04	.02		.02	
	74		.01			
MICHIGAN						
DEARBORN						
STYE 001	70	.05	.17	.19		
	71		.15	.20		
	73	.07	.05	.16		
	74	.05	.12	.11	.08	.078
DETROIT						
STYE 001	70	.07	.17	.15	.19	.131
	71	.19	.10	.08	.15	.115
	74			.08	.05	
FLINT						
STYE 001	70	.07	.07	.05	.05	.050
	71	.05	.04	.04	.04	.042
	72	.03	.04	.02		
	73	.03	.02	.05		
	74				.04	
GRAND RAPIDS						
STYE 001	70	.10	.04	.05	.07	.086
	71	.05	.04	.04	.05	.087
	72	.03	.03	.03	.02	.078
	73	.03	.04	.03		
LANSING						
STYE 001	70	.04	.04	.06	.07	.069
	71	.04	.07	.07	.06	.062
	72		.05	.03	.03	
	73	.02	.02	.01		
	74	.03	.03	.04		
SAGINAW						
STYE 001	70	.04	.12	.09	.09	.083
	71	.04	.11	.04	.08	.070
	72	.03	.04	.04		
	73	.03	.03	.04	.01	.023
	74	.04	.03	.04	.02	.031
TRENTON						
STYE 001	70	.10	.04	.07	.07	.082
	71	.05	.12	.06	.07	.078
	72	.05	.05	.04	.03	.048
	73	.04	.02	.04		
	74		.03	.07		
MINNESOTA						
DULUTH						
STYE 001	70	.07	.06	.06	.05	.051
	71	.02	.03	.05	.04	.042
	72	.02	.04	.05	.04	.045

LOCATION	YR.	1ST. QTR.	2ND. QTR.	3RD. QTR.	4TH. QTR.	YR. AVG.
	73	.01	.01	.01		
	74	.01	.03	.01	.02	.016
MINNEAPOLIS						
STYE 001	70	.02	.03	.04	.06	.039
	71	.03	.05	.04	.03	.037
	72	.02		.02	.03	
	73	.03		.01		
	74			.03		
MOORHEAD						
STYE 001	70	.03	.06	.03	.04	.040
	71	.03	.04	.04		
	72	.02		.05		
	73	.04				
ST PAUL						
STYE 001	70	.05	.05	.06	.07	.058
	71	.03	.03	.02		
	72	.05	.04	.02	.03	.046
	73	.02	.02	.02		
	74	.01	.03	.03	.05	.029
MISSISSIPPI						
JACKSON						
STYE 002	70	.01	.17	.03		
	71	.01	.06			
	73	.05	.02	.01	.01	.022
	74	.01	.02	.03	.01	.025
MISSOURI						
KANSAS CITY						
STYE 002	70	.04	.04	.05	LD	.032
	71	.04	.04			
	73	.04	.03	.02	.01	.026
	74	.04	.02	.02		
ST LOUIS						
STYE 001	70	.13	LD		.07	
	71	.08	.08	.07	.07	.061
	72	.04	.05	.02	.04	.037
	73				.02	
	74	.05	.04	.05	.05	.062
MONTANA						
HELENA						
STYE 001	70	.03	.00	.02		
	71	.03	.02	.02	.02	.022
	72		.01			
NEBRASKA						
LINCOLN						
STYE 002	70	.02	.02	.01	.02	.021
	71	.03	.03	.03	.02	.025
	73	.01	.02	.01	.01	.013
	73	.01	.01	.01	LD	.007
	74	.01	.02	.01	.02	.015
OMAHA						
STYE 001	70	.06	.06	.05	.05	.057
	71	.03	.04	.05	.05	.055
	73	.03	.03	.04	.04	.038
	73	.01	.03	.02	.02	.020
	74	.02	.03	.02	.03	.023
NEVADA						
LAS VEGAS						
STYE 001	70	.03	LD		.07	
	71	.04	.04	.06		
	72	.02				
	74		.02		.01	
RENO						
STYE 001	70	.05	LD	.06		
	71	.04		.04		
	73	.03	.01	.01	.03	.023
	73	.02	.01	.02	.03	.019
	74	.01	.02	.02	.03	.021

POLLUTANT : 12132 - MANGANESE
METHOD : HI-VOL EMISSION SPECTRA (LOW TEMP ASH)
UNITS : NG/CU METER (25 C)
DATA TYPE : QUARTERLY COMPOSITE
PROJ. CLASSIFICATION : URBAN
ANALYTICAL QUALITY : 29(+-)01.07%

LOWER DISCRIMINATION LEVEL (LDL)
70 - .000
71 - .000
72 - .000
73 - .001
74 - .001

LOCATION	YR.	1ST. QTR.	2ND. QTR.	3RD. QTR.	4TH. QTR.	YR. AVG.
NEW HAMPSHIRE						
CONCORD						
SITE 001	70	.02	.01	.02	.01	.014
	71	.02	.02	.02	.01	.020
	72	.01	.01	.01	.00	.007
	73	.01			.01	
	74	.01	.00	.01		
NEW JERSEY						
BAYONNE						
SITE 001	70	.08	.06	LD		
	72		.02	.02	.02	
	74		.02	.02	.02	
BURLINGTON CO						
SITE 002	70	.02	.05	.02	.06	.035
	71	.06	.05	.06	.06	.062
CAMDEN						
SITE 001	70	.09	.17	.06	.15	.118
	71	.27	.20			
	72		.05	.10		
	73			.11	.06	
	74	.05	.10			
CAMDEN CO						
SITE 002	72		.01	.02		
ELIZABETH						
SITE 002	70	.05	.01	.02	.03	.037
	71	.05	.05	.06	.05	.049
	72	.03	.03	.04		
	73			.02	.02	
	74	.04	.03	.02	.01	.026
GLASSBORO						
SITE 001	70	.05	.01	.02	.01	.029
	71	.01	.04	.06		
	72	.02	.02	.02	.02	.018
	73			.01		
	74	.02	.02	.00	.01	.011
HAMILTON						
SITE 001	70		.06	.08	LD	
	71	.08	.08			
JERSEY CITY						
SITE 001	70	.05	.05	.03	.06	.041
	71	.06	.06	.06	.06	.047
	72	.02	.01	.03	.02	.022
	73		.01	.02		
	74		.03		.01	
NEWARK						
SITE 001	70	.06	.06	.03	.06	.041
	71	.05	.05	.06		
	72	.02	.02	.03	.01	.020
	73			.02	.01	
	74	.02	.02	.02	.02	.021
PATERSON						
SITE 001	70	.03	.06	.03	.03	.049
	71	.06	.04			
	72				.01	
	73			.01	.01	
	74	.01	.03		.02	
PERTH AMBOY						
SITE 001	70	.05	.06	.06	.03	.042
	71	.03	.06	.07	.07	.066
	72	.03	.01	.03	.02	.029
	74		.03	.03		
TRENTON						
SITE 001	70	.02	.01	.02	.03	.055
	71		.08	.09		
	72	.01	.02	.04	.03	.029
	73			.00	.02	
	74	.02	.04	.03	.04	.076
NEW MEXICO						
ALBUQUERQUE						
SITE 001	70	.03	.05	.02	.05	.040
	71	.06	.05	.05	.06	.049
	72	.04	.01	.02	.01	.027
	73	.01	.02	.01		
	74	.02	.02	.01	.02	.027
NEW YORK						
ALBANY						
SITE 001	70	.01	.02	.01		
	71	.06	.03	.03		
	72	.01	.02	.02	.01	.015
	73		.01		.02	
	74	.02	.01	.02	.01	.017
BUFFALO						
SITE 001	70	.21	.16	.26	.39	.266
	71	.35	.15	.21	.11	.207
	72	.07	.02	.08	.09	.063
	73		.06	.07	.39	
	74	.07	.06	.07	.02	.061
NEW YORK CITY						
SITE 001	70	.04	.04	.04	.03	.038
	71	.04	.04		.04	
	72	.03	.02	.03	.03	.027
	73		.02	.03	.03	
	74	.01	.04	.03	.03	.028
NIAGARA FALLS						
SITE 001	70	.51	.50	.47	.16	.405
	71	.43	.26	.22	.31	.295
	72	.20	.06	.21	.13	.075
	73			.22	.38	
	74	.14	.12	.17	.07	.127
ROCHESTER						
SITE 001	70	.04	.04	.06	.05	.059
	71	.03	.07	.05	.03	.054
	72	.03	.04	.04	.03	.036
	73		.02	.03	.04	
	74	.03	.03	.02	.03	.027
SYRACUSE						
SITE 001	70	.05	.07	.05	.13	.083
	71	.03	.11	.08	.07	.067
	72	.03	.05	.04	.05	.046
	73		.02	.02	.01	
	74	.04	.02	.03	.04	.030
UTICA						
SITE 001	70	.04	.07	.04	.01	.041
	71	.01	.05	.04	.04	.041
	72	.03	.04	.03	.01	.026
	73				.05	
	74		.02		.04	
YONKERS						
SITE 001	70	.03	.06	.05	.02	.039
	71	.06		.03	.03	
	72	.03	.03	.05		
	74			.02	.01	
NORTH CAROLINA						
CHARLOTTE						
SITE 001	70	.04	.04	.02	.02	.030
	71	.04	.06			
	72	.04	.02	.01	.01	.020
	73	.02	.01	.02	.02	.019
	74	.02	.01	.02	.02	.019
DURHAM						
SITE 001	70	.03	.03	.02	.04	.030
	71		.03	.04	.02	
	72	.01	.02	.01	.01	.017
	73	.02	.02	.02	.02	.019
	74	.01	.02	.02	.02	.018

POLLUTANT : 12132 - MANGANESE
METHOD : HI-VOL EMISSION SPECTRA (LOW TEMP ASH)
UNITS : UG/CU METER (25 C)
DATA TYPE : QUARTERLY COMPOSITE
PROJ. CLASSIFICATION : URBAN
ANALYTICAL QUALITY : 2916-161.022

LOWER DISCRIMINATION LEVEL (LD)
70 - .000
71 - .000
72 - .000
73 - .001
74 - .001

LOCATION	YR.	1ST. QTR.	2ND. QTR.	3RD. QTR.	4TH. QTR.	YR. AVG.
NORTH CAROLINA						
GREENSBORO						
SITE 001	70	.05	.05	.03	.07	.042
	71	.08	.05			
	72	.03	.03	.02	.07	.026
	73	.02	.01	.01	.02	.018
	74	.08	.07	.02	.07	.074
WINSTON-SALEM						
SITE 002	70	.07	.07	.03	.06	.060
	71	.05	.06	.08	.08	.067
	73	.06	.03	.04		
	73		.03	.02	.07	
	74	.01	.07	.02	.07	.020
NORTH DAKOTA						
BISMARCK						
SITE 001	70	.05	.05	.05	.07	.053
	71	.07	.05	.05	.07	.069
	72	.03	.05	.05	.07	.060
	73	.07	.05	.02	.02	.033
OHIO						
AKRON						
SITE 001	70	.09	LD	.11	.07	.070
	71	.17	.07	.07	.11	.094
	72	.10	.04	.09		
	73	.05	.05	.05		
	74		.04	.05		
CANTON						
SITE 001	70	.23	.17	.15	.17	.178
	71	.15	.21	.17	.21	.186
	72	.13		.08	.07	
	73	.10	.20	.20		
	74		.13	.16	.10	
CINCINNATI						
SITE 001	70	.08	.69	.20	.07	.312
	71	.06	.24	.06	.30	.277
	72	.09	.05	.05	.10	.073
	74			.03	.04	
CLEVELAND						
SITE 001	70	.19	.19	.14	.09	.151
	71	.19	.19			
	72	.17	.17		.14	
	74				.09	
COLUMBUS						
SITE 001	70	.05	.08	.11	.05	.078
	71	.07	.07	.04	.05	.055
	72	.07	.06	.03	.05	.041
	73	.07				
	74				.03	
DAYTON						
SITE 001	70	.07	.11	.07	.05	.066
	71	.05	.25	.14	.11	.160
	72	.04	.06	.05	.05	.052
	73	.05	.04	.10		
	74	.04			.02	
IRONTON						
SITE 004	71	.17	.19	.16	.60	.218
	72	.11	.18	.07	.09	.116
	73	.13	.07	.30		
	74		.35			
PORTSMOUTH						
SITE 002	71	.05	.07	.08	.21	.104
	72	.07	.10	.10	.07	.059
	73	.09	.05	.09		
	74		.06			
STEUBENVILLE						
SITE 001	71	.19	.31	.27	.29	.247
	72	.08				
	73	.29	.08	.20		
	74			.13		

LOCATION	YR.	1ST. QTR.	2ND. QTR.	3RD. QTR.	4TH. QTR.	YR. AVG.
TOLEDO						
SITE 001	70	.04	.05	.08		
	71	.05	.06	.07	.08	.065
	72	.03	.05	.03	.08	.038
	74		.02	.08	.03	
YOUNGSTOWN						
SITE 001	70	.13	.09	.22	.46	.726
	71	.11	.09	.19	.15	.164
	72	.10	.13	.19	.17	.149
	73			.19		
	74	.06	.10		.08	
OKLAHOMA						
OKLAHOMA CITY						
SITE 001	70	.02	.01	.02	.02	.020
	71	.03	.03			
OKLAHOMA CITY						
SITE 015	72	.02	.02	.01	.01	.014
	73	.01	.01			
	74	.01	.01	.02	.01	.012
OKLAHOMA CITY						
SITE 029	73	.02	.02	.01		
	74	.02	.02	.02	.02	.021
TULSA						
SITE 001	70	.02	.03	.01	.01	.027
	71	.04	.01	.01	.01	.028
	72	.02	.02	.03		
	73	.02	.01	.02	.05	.026
	74	.03	.03	.02	.01	.023
OREGON						
EUGENE						
SITE 001	70	.04	.02	LD		
MEDFORD						
SITE 001	70	.05	.05	.06		
	71	.09	.05			
PORTLAND						
SITE 001	70	.20	.11	.07	.17	.126
	71	.13		.13	.11	
	72	.02	.03	.16	.15	.104
	73			.06		
	74	.01	.07			
PENNSYLVANIA						
ALLENTOWN						
SITE 001	70	.13	.07	.10	.12	.103
	71	.10	.07	.07	.11	.085
	72	.09	.03	.03	.03	.052
	73	.02	.01	.01	.03	.019
	74	.06	.03	.03	.02	.036
ALTOONA						
SITE 001	70	.13	.11	.11	.09	.113
	71	.08	.03	.13	.07	.089
	72	.03	.03	.08	.03	.042
	73	.04	.03	.08	.02	.036
	74		.03	.05	.03	
BETHLEHEM						
SITE 002	70	.09	.28	.17	.23	.180
	71	.13	.08	.23	.08	.133
	72	.05	.07	.06	.15	.091
	73	.05	.05	.05	.07	.054
	74	.05	.03	.05		
CLEARFIELD CO						
SITE 001	72	.02	.03	.01		
ERIE						
SITE 002	70	.06	.28	.18	.24	.188
	71	.16	.19	.26	.15	.177
	72	.16	.08	.38	.19	.199
	73	.20	.25	.17	.26	.282
	74		.06	.06	.07	

POLLUTANT : 12192 - MANGANESE
METHOD : HI-VOL EMISSION SPECTRA (LOW TEMP ASH)
UNITS : UG/CU METER (25 C)
DATA TYPE : QUARTERLY COMPOSITE
PROJ. CLASSIFICATION : URBAN
ANALYTICAL QUALITY : 20(+-)01.02?

LOWER DISCRIMINATION LEVEL (LDL)
70 - .000
71 - .000
72 - .000
73 - .001
74 - .001

LOCATION	YR.	1ST. QTR.	2ND. QTR.	3RD. QTR.	4TH. QTR.	YR. AVG.
PENNSYLVANIA						
HARRISBURG						
SITE 001	70	.06	.07	.07	.09	.071
	71	.09	.07	.06	.09	.079
	72	.06	.08	.06	.07	.066
	73	.08	.07		.05	
	74		.07			
HAZLETON						
SITE 001	70	.05	LD	LD	.05	
	71	.06	.07	.05	.07	.060
	72	.05	.04	.02	.03	.036
	73	.08	.03	.01	.03	.029
	74	.05	.02	.02	.03	.031
JOHNSTOWN						
SITE 001	70		2.13	1.93		
	71	1.95				
LANCASTER CITY						
SITE 001	70	.10	LD			
	71			.05	.07	
LANCASTER CITY						
SITE 002	70			LD		
	72		.02	.04	.09	
	74	.02	.03	.02		
PHILADELPHIA						
SITE 001	70	.13	.13	.05	.06	.051
	71	.17	.13	.28	.13	.176
PHILADELPHIA						
SITE 004	72	.09	.08	.16	.08	.093
	73	.08				
	74	.13	.14	.11	.12	.120
PITTSBURGH						
SITE 001	70	.19	.19	.23	.24	.208
	71	.17	.22		.28	
	74	.11	.17	.10	.06	.096
READING						
SITE 001	70	.26	.07	.13	.08	.133
	71	.13	.10	.09		
	72	.09	.06	.09	.11	.087
	73	.08	.08	.08		
SCRANTON						
SITE 001	70	.11	.09	.06	.10	.090
	71	.13	.22	.09	.18	.140
	72	.13	.09	.08	.11	.100
	73	.16	.09	.05	.09	.096
	74	.10	.05	.05	.11	.082
WARMINSTER						
SITE 001	70	.05	.03	.03	.05	.040
	71	.07	.08			
	74		.03	.02		
WEST CHESTER						
SITE 001	70	.05	LD	LD		
	71	.07				
	72	.01	.02	.03		
WILKES-BARRE						
SITE 001	70	.05	.05	.05	.08	.053
	71	.07	.06	.06	.07	.059
	72	.05	.03	.09	.07	.059
	73	.08	.01	.03	.08	.030
	74	.08	.04	.02	.02	.030
YORK						
SITE 001	70	.05	.08	.08	.09	.065
	71	.07	.06	.06	.05	.056
	72	.08	.03	.06	.05	.042
	73	.08	.02	.07	.03	.060
	74	.05				

LOCATION	YR.	1ST. QTR.	2ND. QTR.	3RD. QTR.	4TH. QTR.	YR. AVG.
PUERTO RICO						
BAYAMON						
SITE 002	70	.04	.05	.05	.06	.051
	72	.04	.05	.05	.04	.049
	73			.03		
	74	.04	.03	.05		
CAYANO						
SITE 002	70	.05	.06	.05	.05	.052
	72	.03	.03	.04	.03	.031
	73		.03	.02	.02	
	74		.01	.03		
GUAYANILLA						
SITE 002	70	.03	.03	.02	.02	.027
	72	.00	.02	.02	.01	.011
	73		.01	.01	.00	
	74	.01	.01			
PONCE						
SITE 002	70	.03	.04	.03	.03	.031
	72	.03	.03	.04	.03	.029
	73		.03	.02	.02	
	74	.01	.02		.02	
SAN JUAN						
SITE 001	70	.02	.05	.04	.03	.035
	72	.01	.02	.04	.03	.037
	73		.03	.03	.02	
	74	.03	.02	.03		
RHODE ISLAND						
EAST PROVIDENCE						
SITE 001	70	.03	.02	.03	.02	.025
	71	.04	.02	.02	.03	.036
	72	.03	.01	.01	.02	.017
	73	.03	.01	.01	.01	.013
	76			.01		
PROVIDENCE						
SITE 001	70	.03	.04	.02	.03	.030
	71	.04	.02	.05	.04	.038
	72	.01	.02	.01	.01	.017
	73	.01	.01		.01	
	74	.01		.01	.01	
SOUTH CAROLINA						
COLUMBIA						
SITE 001	70	.06	.03	.02		
	71	.05				
	72	.01	.02	.03	.01	.019
	73	.03	.01	.03	.02	.021
	74		.02	.01	.01	
GREENVILLE						
SITE 001	70	.04	.03	.03	.03	.030
	71	.04	.03	.02	.03	.029
	72	.01	.02	.01	.01	.013
	73	.03	.01	.01	.01	.018
	74	.01	.01	.01	.01	.010
SOUTH DAKOTA						
SIOUX FALLS						
SITE 001	70	.06	LD	.09	.07	.058
	71	.04	.12	.12	.12	.110
	72	.17	.12	.08		
	73	.06	.11	.07		
TENNESSEE						
CHATTANOOGA						
SITE 001	70	.30	.12	.19	.27	.220
	71	.14	.47	.25		
	72	.16	.23	.19	.05	.146
	73	.07	.07			
	74			.05		
KNOXVILLE						
SITE 001	70	.14	LD	.05		

POLLUTANT : 12137 - MANGANESE
METHOD : HI-VOL EMISSION SPECTRA (LOW TEMP ASH)
UNITS : UG/CU METER (25 C)
DATA TYPE : QUARTERLY COMPOSITE
PROJ. CLASSIFICATION : URBAN
ANALYTICAL QUALITY : 20(+-)01.029

LOWER DISCRIMINATION LEVEL (LD)
70 - .000
71 - .000
72 - .000
73 - .001
74 - .001

LOCATION	YR.	1ST. QTR.	2ND. QTR.	3RD. QTR.	4TH. QTR.	YR. AVG.
TENNESSEE						
KNOXVILLE						
SITE 002	71	.14	.24	.06	.10	.138
	73	.07	.07	.06	.03	.038
	74		.07	.04	.03	
MEMPHIS						
SITE 001	70	.11	.05	.65	.09	.242
	71	.15	.12	.76	.19	.257
	72	.07	.07	.03	.03	.050
	73	.03	.04	.03	.03	.031
	74	.07	.04	.02	.05	.035
NASHVILLE						
SITE 001	70	.05	.06	.04	.05	.050
	71	.04	.06			
	72	.05	.04		.05	
	73	.06	.02	.03	.01	.031
	74	.07	.04	.04		
TEXAS						
AMARILLO						
SITE 002	71	.07				
	74		.02			
AUSTIN						
SITE 002	70			.00	.02	
	71	.03	.02	.02	.01	.019
	74	LD	.00			
BEAUMONT						
SITE 001	70			.02	.02	
	71	.01	.02			
	74		.01			
CORPUS CHRISTI						
SITE 001	70			.01	.02	
	71	.02		.02		
	74		.01	.01		
DALLAS						
SITE 002	70	.04	.04	.05	.05	.056
	71	.05	.03	.04	.03	.039
	73	.03	.03	.04	.04	.029
	73	.02	.01		.02	
	74	.02	.02	.06	.03	.032
EL PASO						
SITE 002	70	.19	.10	.05	.71	.138
	71	.11	.13	.04		
	73	.04	.04	.04	.04	.055
	73	.07	.05	.06	.04	.056
	74	.04	.06	.02	.03	.049
FORT WORTH						
SITE 001	70	.04	.02	.03	.03	.029
	71	.04	.03	.03	.03	.033
	73	.02	.02	.02	.02	.020
	73	.02	.02	.02	.03	.020
	74	.01	.01	.02	.01	.017
HOUSTON						
SITE 001	70	.04	.04	.03	.06	.047
	71	.05	.06	.04	.09	.056
	73	.02	.01	.01	.05	.027
	73	.05	.04	.03	.03	.040
	74	.03	.03	.03	.03	.028
LUBBOCK						
SITE 001	70			.02	.02	
	71	.05	.03	.03		
	74		.03			
PASADENA						
SITE 002	70	.13	.04	.12	.24	.139
	71	.15	.07	.16	.21	.152
	73	.13	.03	.04	.13	.094
	73	.10	.10	.03	.05	.078
	74	.05	.03			

LOCATION	YR.	1ST. QTR.	2ND. QTR.	3RD. QTR.	4TH. QTR.	YR. AVG.
SAN ANTONIO						
SITE 001	70	.01	.00	.01	.02	.011
	71	.02	.02	.01	.02	.018
	73	.01	.01	.01	.01	.011
	73	.01		.01	.02	
	74	.01	.01	.02	.02	.014
WICHITA FALLS						
SITE 001	70				.01	
	71	.07	.06	.04		
WICHITA FALLS						
SITE 002	74	.02		.04		
UTAH						
OGDEN						
SITE 001	70	.02	.03	.03	.02	.027
	71	.04	.04	.03	.04	.035
	72	.03	.02	.02	.01	.024
	73	.02	.02	.02	.02	.022
SALT LAKE CITY						
SITE 001	70	.04	.02	.03	.02	.029
	71	.04	.04			
	72	.03	.02	.02	.02	.024
VERMONT						
BURLINGTON						
SITE 001	70	.02	.03	.02	.03	.028
	71	.03	.04	.02		
	73	.02				
	74	.04	.03	.03	.03	.031
VIRGINIA						
DANVILLE						
SITE 001	70	.04	.03	.02	.04	.041
	71	.05	.03	.02		
	73	.01	.01	.01	.01	.011
	73	.01				
	74	.01	.01			
FAIRFAX CO						
SITE 001	71	.03	.03	.03	.02	.027
	73	.02	.01	.01	.02	.015
	73	.01	.01	.01		
HAMPTON						
SITE 001	70	.04	.04	.02	.03	.032
	71	.03	.04	.04	.04	.036
	73	.01	.02	.01	.03	.016
	73	.03	.02	.02	.03	.025
	74	.02	.00	.03	.02	.019
LYNCHBURG						
SITE 001	70	.28	.08	.19	.31	.200
	71	.16	.30	.04	.17	.187
	73	.13	.04	.04	.06	.088
	73	.06	.02			
	74			.03	.04	
NEWPORT NEWS						
SITE 001	70	.05	.03	.12	.05	.061
	71	.02	.02	.07	.03	.033
	73	.01	.01	.02		
	73	.03	.02	.02		
	74		.02			
NORFOLK						
SITE 001	70	.03	.03	.02	.03	.030
	71	.05	.07	.03	.03	.047
	73	.02	.02	.03	.02	.021
	73	.03	.01	.06	.03	.033
	74	.01	.01	.01	.03	.017
PORTSMOUTH						
SITE 001	70	.03	.05	.02	.04	.032
	71	.06	.05		.03	
	73	.04	.02	.02	.02	.024
	73	.04	.04	.04	.02	.033
	74		.04	.01		

POLLUTANT : 17132 - MANGANESE
METHOD : HI-VOL EMISSION SPECTRA (LOW TEMP ASH)
UNITS : UG/CU METER (25 C)
DATA TYPE : QUARTERLY COMPOSITE
PROJ. CLASSIFICATION : URBAN
ANALYTICAL QUALITY : 29(+-)41.02%

LOWER DISCRIMINATION LEVEL (LD)
70 - .000
71 - .000
72 - .000
73 - .001
74 - .001

LOCATION	YR.	1ST. QTR.	2ND. QTR.	3RD. QTR.	4TH. QTR.	YR. AVG.
VIRGINIA						
RICHMOND						
SITE 002	70	.08	.09	.03	.07	.027
	71				.08	
	72	.02	.01			
	73	.01	.01	.04	.02	.013
ROANOKE						
SITE 001	70	.10	.10	.11	.15	.116
	71	.16	.15	.18	.17	.165
	72	.05	.09	.00		
	73	.02		.02	.00	
	74	.02	.05	.01		
WASHINGTON						
SEATTLE						
SITE 001	70	.08	.03	.03	.01	.029
	71	.05	.03	.04	.03	.038
	72	.02	.01	.01		
	73	.03	.02	.02	.03	.025
	74	.00	.02			
SPOKANE						
SITE 001	70	.08	.02	.05	.02	.030
	71	.05	.07	.08	.03	.059
	72	.08	.02	.06	.03	.034
	73	.05	.06	.05		
	74	.02	.02			
TACOMA						
SITE 001	70	.11	.02	.03	.03	.048
	71	.08	.03	.04	.02	.033
	72	.02	.01	.00	.04	.017
	73	.08	.02	.02	.02	.025
	74	.02				
WEST VIRGINIA						
CHARLESTON						
SITE 001	70	.37	.25	.24	.26	.271
	71	.69	.31	.09	.18	.314
	74	.17	.18	.09	.09	.120
HUNTINGTON						
SITE 001	71		.32	.26	.46	
HUNTINGTON						
SITE 005	72	.11		.06	.13	
	73	.05		.18	.25	
	74	.22				
SOUTH CHARLESTON						
SITE 001	70	.05	.24	.10	.07	.119
	71	.18	.15	.05	.22	.160
	72	.02			.03	
	73	.07	.07	.06		
	74	.06	.10	.05	.11	.081
WISCONSIN						
EAU CLAIRE						
SITE 002	70	.03	.07	.07	.06	.067
	71	.02	.03	.03	.03	.027
	72	.00	.02	.03	.01	.017
	73	.00	.01	.01		
	74	.01				
KENOSHA						
SITE 001	70	.04	.05	.06	.05	.053
	71	.05	.08	.03	.04	.049
	72	.03	.04	.02	.05	.034
	73	.03	.02	.05		
	74				.07	
MADISON						
SITE 001	70	.03	.03	.03	.06	.035
	71	.03	.04	.04	.02	.030
	72	.02	.03	.03	.07	.027
	73	.01	.02	.01		
	74	.01	.02	.01	.01	.017
MILWAUKEE						
SITE 001	70	.12	.12	.08	.13	.114
	71	.10	.08	.11	.05	.087
	72	.04	.04	.05	.05	.059
	73	.04	.03	.04		
	74			.05	.02	
RACINE						
SITE 001	70	.16	.07	.04	.07	.084
	71			.11	.05	.16
	72	.08	.04	.04	.03	.056
	73	.03	.15	.11		
	74	.03	.05	.03	.04	.038
SUPERIOR						
SITE 001	70	.08	.07	.06	.10	.079
	71	.08	.15			
	72	.01	.06			
	73		.05		.06	
	74		.07			
WYOMING						
CASPER						
SITE 001	70	.01	.02	.02	.01	.016
	72		.01	.01	.01	
	73	.01	.02	.01	.01	.013
CHEYENNE						
SITE 001	70	.01	.01	.01	.04	.020
	72		.01	.00	.00	
	73	.00				

POLLUTANT : 17192 - MANGANESE
METHOD : HI-VOL EMISSION SPECTRA (LOW TEMP ASH)
UNITS : UG/CU METER (25 C)
DATA TYPE : QUARTERLY COMPOSITE
PROJ. CLASSIFICATION : NON-URBAN
ANALYTICAL QUALITY : 20(+-)01.02?

LOCATION	YR.	1ST. QTR.	2ND. QTR.	3RD. QTR.	4TH. QTR.	YR. AVG.
ARIZONA						
GRAND CANYON NAT						
SITE 001	70	.007	.017	.011	.006	.0091
	71	.017	.021	.030		
	72				LD	
	73	.001	.004		LD	
	74	LD	.007	.006	.003	.0043
MARICOPA CO						
SITE 005	73	.005		.009	.006	
	74	.001	.017			
ARKANSAS						
MONTGOMERY CO						
SITE 001	70	.006	.011	.013	.009	.0098
	71	.015	.018	.013		
	72	.011		.008	.004	
	73	LD	.011	.003		
	74	.007	.003	.011	LD	.0059
CALIFORNIA						
HUMBOLDT CO						
SITE 001	70	.006	.003	.013	.009	.0069
	71	.005				
COLORADO						
MESA VERDE NAT PA						
SITE 002	70	.007	.007	.010	.006	.0062
	71	.007	.019	.009	.005	.0090
	73		.006	LD	LD	
	74	LD	.004	.001	LD	
DELAWARE						
KENT CO						
SITE 001	70	.027	LD	LD		
	71	.033			.029	
	72			.006	.013	
	73			.017		
FLORIDA						
HARDEE CO						
SITE 001	70	.005	.012	.007	.009	.0071
	71	.013	.015	.004	.005	.0092
	72	.007	LD	LD	LD	
	73				.001	
	74	LD	LD			
HAWAII						
HAWAII CO						
SITE 001	72	LD	LD	LD	LD	
	73			LD	LD	
	74	.001	LD		LD	
HAWAII CO						
SITE 002	72	.007	.003	.004	LD	.0018
	73	.001	LD		LD	
	74	.007			LD	
HAWAII VOLCANOES						
SITE 001	72	LD	LD	LD	.002	
	73	LD	LD		LD	
	74		LD	LD		
IDAHO						
BOYCE CO						
SITE 001	70	.002	.005	.038	.004	.0046
	71	.002	.005	.010	.005	.0057
	72	LD	.002	.002	LD	
	73	LD	LD	.002	LD	
	74	.003	.002			
INDIANA						
MONROE CO						
SITE 001	70	.021	.020	.025	.010	.0205
	71	.027	.026	.024	.040	.0273
	72	.008	.010	.005	.012	.0088
	73	LD	LD			
	74		.017	.023		

LOWER DISCRIMINATION LEVEL (LD)
70 - .0004
71 - .0004
72 - .0002
73 - .0006
74 - .0006

LOCATION	YR.	1ST. QTR.	2ND. QTR.	3RD. QTR.	4TH. QTR.	YR. AVG.
PARKE CO						
SITE 001	70	.047	.030	.036	.057	.0402
	71	.039	.054	.022	.032	.0392
	72	.013	.031	.010		
	74		.014			
LOUISIANA						
TREMVILLE PAR						
SITE 001	74	.005	.002	.010	.009	.0065
MAINE						
ACADIA NAT PARK						
SITE 001	70	.010	.007	.012	.006	.0088
	71	.009	.009	.009	.007	.0086
	72	.004	.003	.003	LD	.0023
	73		.001	LD	.004	
	74	.005	.007	.009		
MARYLAND						
CALVERT CO						
SITE 001	70	.017				
	72		.007	.008		
	73				.005	
	74			.005		
MISSISSIPPI						
JACKSON CO						
SITE 001	70	.005	.012	.007		
	71		.011	.042	.009	
	72	.004	.012	.005	.008	.0070
	73	.002	.004			
	74	.003	LD	.006	.008	.0042
MISSOURI						
SHANNON CO						
SITE 002	70	.018	.022	.020	.012	.0171
	71	.010	.014	.015		
	72		.008	.005	.007	
	73	LD	.006	.003	LD	
	74	.004	.006		.001	
MONTANA						
GLACIER NAT PARK						
SITE 001	70	LD	.004	.015		
	71	LD	.007	.016	.007	.0058
	72	.001	LD	LD	LD	
NEBRASKA						
THOMAS CO						
SITE 001	70	.005	.011	.011	.009	.0089
	71	.002			.004	
	72	.003		.001	LD	
	73	LD	.005	.002	LD	
	74	LD	LD			
NEVADA						
WHITE PINE CO						
SITE 001	70	LD	.004	.004	.002	.0038
	71	.003			.003	
	72	LD	.003	.002	LD	
	73	LD	.003	.002	LD	
	74	.002	.010	.003	LD	.0038
NEW HAMPSHIRE						
BELKNAP CO						
SITE 001	72	.003	.011	.006		
	73	.001		.013		
COOS CO						
SITE 001	70	.011	.009	.004	.019	.0119
	71	.017	.009	.011		
	72			.003	LD	
	73	.002	.005		.003	
	74	.001	LD	.001		
NEW MEXICO						
RIO ARRIBA CO						
SITE 001	70	.003				
	71		.010			
	72	.005	LD	.002	.001	.0020

POLLUTANT : 12132 - MANGANESE
METHOD : HI-VOL EMISSION SPECTRA (LOW TEMP ASH)
UNITS : UG/CU METER (25 C)
DATA TYPE : QUARTERLY COMPOSITE
PROJ. CLASSIFICATION : NON-URBAN
ANALYTICAL QUALITY : 2SD+-141.023

LOWER DISCRIMINATION LEVEL (LD)
70 - .0009
71 - .0004
72 - .0002
73 - .0006
74 - .0006

LOCATION	YR.	1ST. QTR.	2ND. QTR.	3RD. QTR.	4TH. QTR.	YR. AVG.
NEW YORK						
JEFFERSON CO						
SITE 001	70	.017	.029	.040	.019	.0252
	71	.011	.007	.015	.025	.0146
	72	.011	.036	.019		
	73			.011		
	74	.025	.027	.010		
NORTH CAROLINA						
CAPE HATTERAS NAT						
SITE 001	70	.020	.030	.035	.022	.0268
	71	.017	.034	.025		
	72	.005	.026			
OKLAHOMA						
CHEROKEE CO						
SITE 001	70	.015	.033	.026	.019	.0247
	71	.029	.029		.011	
	72	.019	.013	.005	LD	.0079
	73	.002	.009	.005	.003	.0049
	74	.005	.011	.011		
OREGON						
CURRY CO						
SITE 001	70	.002	.003	.003	.000	.0042
	71	.000	.005			
	72	LD	LD	LD	LD	
	73	LD	LD	LD		
	74	LD				
PENNSYLVANIA						
CLARION CO						
SITE 001	70	.059	.005	.048	.027	.0524
	71	.027	.041	.023	.048	.0328
	72	.017	.015	.019	.029	.0202
	74	LD	.020	.023		
INDIANA CO						
SITE 001	72	.047	.037			
INDIANA CO						
SITE 002	72				.020	
	74	.027			.023	
INDIANA CO						
SITE 003	72	.025	.037	.040	.035	.0340
RHODE ISLAND						
WASHINGTON CO						
SITE 002	70	.028	.012	.013	.019	.0171
	71	.021	.023	.010	.019	.0209
	72	.007	.006	.020		
	73			.006	.006	
	74	.005				
SOUTH CAROLINA						
RICHLAND CO						
SITE 002	70	.019				
	71	.017	.010	.025	.021	.0145
	72	.011	.012	.004	LD	.0071
	73	.011	.003	.003	.007	.0058
	74	.009	.005	.002		
SOUTH DAKOTA						
BLACK HILLS NAT F						
SITE 001	70	.007	.006	.004		
	71	LD	.006	.010	.007	.0048
	72	.009	LD	LD	LD	LD
	73	LD	LD	LD	LD	LD
	74	LD				
TENNESSEE						
CUMBERLAND CO						
SITE 001	70	.043	.041	.037	.035	.0390
	71	.102				
TEXAS						
MATAGORDA CO						
SITE 001	70	.004	.017	.005	.007	.0083
	71	.017	.013	.013		
	72	.003	.002	LD	.002	.0020
	73	.004	.001	.005	.007	.0037
	74	.001	.005	.007	LD	.0032
TOM GREEN CO						
SITE 001	70	.020	.015	.012	.012	.0147
	71	.058	.021		.017	
	72	.017	.024	.007	.005	.0120
	73	.003	.022	.003	.002	.0075
	74	.007	.006	.006		
VERMONT						
ORANGE CO						
SITE 001	70	.011	.020	.018	.014	.0147
	71	.022	.018	.021		
	72	.009	.012	.009	.005	.0088
	73		.011	.005	.003	
	74	.013	.005		.002	
VIRGINIA						
SHENANDOAH NAT PA						
SITE 001	70	.018	.016	.016	.019	.0177
	71	.020	.025	.011		
	72	.007	.001	.001	.005	.0034
	74		.002	LD		
WYTHE CO						
SITE 001	70	.037	.026	.015	.020	.0247
	71	.019	.029	.013		
	72	.005	.010	.002	.012	.0070
	73	.011	.009	LD	.002	.0044
	74	LD			LD	
WASHINGTON						
KING CO						
SITE 002	70	.011	.017	.021	.011	.0151
	71	.021	.011			
	72	.021	.012	.007	LD	.0101
	73	.004	.009	.012	.004	.0077
	74	.009				
WISCONSIN						
DOOR CO						
SITE 001	70	.005	.009			
	72	.003	.008	LD	.005	.0041
	73	.007		LD		
WYOMING						
GRAND TETON NAT P						
SITE 001	72		LD	LD	LD	
	73	LD	.007	LD	LD	
YELLOWSTONE NAT P						
SITE 001	70	LD	.009	.003		
	72		LD	.002	LD	
	73	LD	LD	LD	LD	

POLLUTANT : 19136 - NICKEL
METHOD : HI-VOL EMISSION SPECTRA (LOW TEMP ASH)
UNITS : UG/CU METER (25 C)
DATA TYPE : QUARTERLY COMPOSITE
PROJ. CLASSIFICATION : URBAN
ANALYTICAL QUALITY : 2114-181.781

LOWER DISCRIMINATION LEVEL (LD)
70 - .0015
71 - .0015
72 - .0012
73 - .0017
74 - .0019

LOCATION	YR.	1ST. QTR.	2ND. QTR.	3RD. QTR.	4TH. QTR.	YR. AVG.
ALABAMA						
BIRMINGHAM						
SITE 003	70	LD		LD	LD	
	71	LD	LD		.016	
	72	LD	LD	LD	LD	
	73	.026	.044	LD	.118	.0465
	74	LD	LD	LD	LD	
GADSDEN						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73	LD	.046	LD	LD	
	74	LD	LD	LD	LD	
HUNTSVILLE						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73	.019	.026	LD		
	74		LD	LD		
MOBILE						
SITE 001	70	LD		LD	LD	
	71	LD	LD			
	72	LD	LD	LD	LD	
	73	.149	LD		.017	
	74		LD	LD	LD	
MONTGOMERY						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73	LD	LD	LD	LD	
	74	LD	LD	LD	LD	
ALASKA						
ANCHORAGE						
SITE 003	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	.009	
	73	LD	LD	LD	.062	
	74	LD	LD	LD		
FAIRBANKS						
SITE 001	70	LD	LD	LD		
	71				LD	
	72	LD	LD	LD	LD	
	73			LD	LD	
	74			LD		
ARIZONA						
DOUGLAS						
SITE 001	71	LD	LD			
	72	LD	LD	LD	LD	
	73			LD	LD	
	74	.011	LD	LD		
MARICOPA CO						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD		LD	
PHOENIX						
SITE 002	70	LD		LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	.013	
	73	LD	LD	LD	.021	
	74	LD	LD	LD	.020	
TUCSON						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73	LD	LD	LD	LD	
	74	LD	LD	LD	LD	
ARKANSAS						
LITTLE ROCK						
SITE 001	70	LD	LD	LD	LD	
	71	LD		LD	LD	
	72	LD		LD		
	73					
	74					
TEXARKANA						
SITE 001	70	LD		LD	LD	
	71	LD	LD			
	72			LD		
	73		LD			
	74				LD	
WEST MEMPHIS						
SITE 001	70	LD	LD	LD	.021	
	71	LD	.019	LD	.017	
	72	LD	LD	LD		
	73		LD	LD	LD	
	74	LD	LD	.011	LD	
CALIFORNIA						
ANAHEIM						
SITE 001	70	LD	LD	.048	LD	
	71	.024	LD	.015	.021	.0154
	72	.023	LD	LD	.015	
	73	LD	.019	.118		
	74	.019	.013	.027	.054	.0272
BAKERSFIELD						
SITE 001	70	.026	LD	LD		
	71			LD	LD	
	72	LD	LD	LD	.025	
	73	.349	.031	LD	.035	.1146
	74	LD	LD	LD	LD	
BURBANK						
SITE 002	70	LD	LD	LD	LD	
	71	.025	.015	.070	.031	.0354
	72	.029	.016	LD	LD	
	73	.015	.038	.092	LD	.0367
	74	.022	.021	.018	LD	.0155
FRESNO						
SITE 002	70	LD	LD	LD	LD	
	71	LD	LD			
	72	LD	LD	LD	LD	
	73	LD	LD	LD	.023	
	74	.027	.019	LD	.017	.0159
GLENDALE						
SITE 001	70	.027	LD	LD	LD	
	71	.035	LD	LD	.015	
	72	.023	.038	.013	.010	.0210
	73	.056	LD	.027	.017	.0256
	74	.018	.015			
LONG BEACH						
SITE 001	70	.029	LD	.026	.025	.0200
	71	.033	LD	.016	.022	.0178
	72	.049	.013	.015	LD	.0197
	73	.020	.024			
	74	.053	.033	.038	LD	.0311
LOS ANGELES						
SITE 001	70	.025	LD	LD	.027	
	71	.023	LD	.028	.031	.0207
	72	.017	.012	.025	.017	.0175
	73	.027	.020	.037		
	74	.017	.018	.037	.026	.0246
OAKLAND						
SITE 001	70	.033	.019	.031	.019	.0259
	71	.033	LD	LD	.016	
	72	LD	LD	LD	LD	
	73	LD	LD	LD		
	74	LD	LD	LD	.012	
ONTARIO						
SITE 001	70	LD	LD	.045	LD	
	71	.018	LD	LD	.033	
	72	.026	LD	LD	.018	
	73	LD	LD			
	74	.019	.029			

POLLUTANT : 12136 - NICKEL
METHOD : HI-VOL EMISSION SPECTRA (LOW TEMP ASH)
UNITS : UG/CU METER (25 C)
DATA TYPE : QUARTERLY COMPOSITE
PROJ. CLASSIFICATION : URBAN
ANALYTICAL QUALITY : 2114-141.789

LOWER DISCRIMINATION LEVEL (LD)
70 - .0015
71 - .0015
72 - .0042
73 - .0017
74 - .0019

LOCATION	YR.	1ST. QTR.	2ND. QTR.	3RD. QTR.	4TH. QTR.	YR. AVG.
CALIFORNIA						
PASADENA						
SITE 001	71	.025	.017	LD	.014	.0147
PASADENA						
SITE 002	70	LD	LD	LD	LD	
	72		LD	LD	LD	
	73	LD	.029	LD		
	74	.010	.024	.029	.022	.0238
RIVERSIDE						
SITE 001	70	LD	LD	LD	LD	
	71	.054			LD	
	72	.038	LD	.033		
SACRAMENTO						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	.038	LD	.055	.020	.0309
	73	LD	LD	LD	LD	
	74	.017	LD	.031	LD	
SAN BERNARDINO						
SITE 001	70	.030	.029	.039	LD	.0247
	71	LD	LD	.045	.016	
	72	.040	.017	.046	.026	.0467
	73	.021	.027	.040		
	74	.018	LD	.031	LD	
SAN DIEGO						
SITE 001	70	.039	LD	.027	.024	.0229
	71	.040	.015	.022		
	72	.034	.024	.011	.019	.0224
	73	.017	.017	LD	.011	.0108
	74	.017	.005	LD	LD	
SAN FRANCISCO						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	.127	.035	.019	.044	.0569
	73	LD	LD	LD	LD	
	74	LD	LD	LD	LD	
SAN JOSE						
SITE 002	70	LD	LD			
SAN JOSE						
SITE 003	70			LD	.020	
	71	.021	.028	LD		
SAN JOSE						
SITE 004	72	.027	.039	LD		
	73		LD	LD	LD	
	74	.010	LD	LD	LD	
SANTA ANA						
SITE 001	70	LD	LD	LD	LD	
	71	.032	LD	.024	.021	.0198
	72	.083	.027	.018	.035	.0406
	73	.026	.033	.023	LD	.0207
	74	.010	LD	.013	.028	.0128
TORRANCE						
SITE 001	70	LD	.021	.020	.024	.0170
	71	.035	LD	LD		
	72	.029	.046		.021	
	73	LD	.016	.028	.041	.0263
	74	.035	.038	.034	.031	.0321
COLORADO						
DENVER						
SITE 001	70	.027	LD	LD	.020	
	71	.037	LD	LD	.015	
	72	.016	LD		LD	
	73	.022				
CONNECTICUT						
BRIDGEPORT						
SITE 001	70	.027	LD	LD	.040	
	71	.046	.044	.020	.052	.0404
	72	.030	.031	.018	.031	.0284

LOCATION	YR.	1ST. QTR.	2ND. QTR.	3RD. QTR.	4TH. QTR.	YR. AVG.
	73	.019	LD	LD	LD	
	74	.020	LD	.017		
HARTFORD						
SITE 001	70	.062	.036	.028	.047	.0433
	71	.081	.029	.019	.059	.0464
	72	.052		LD	.025	
	73	.025				
	74	.028	.027	LD	.016	.0181
NEW HAVEN						
SITE 001	70	.227	.047	.046	.191	.1197
	71	.208	.071	.051	.086	.1040
	72	.026				
	74	.042	.021	.016	.028	.0271
WATERBURY						
SITE 001	70	.085	.039	.035	.098	.0681
	71	.083	.027	.032	.056	.0559
	72	.040	.025	.019	.011	.0239
	73	.021	.021	LD	LD	
	74	.050	.016	.019	.040	.0307
DELAWARE						
NEWARK						
SITE 001	70	.026	.016	LD	.019	.0161
	71	.019	.009	LD	.026	.0176
	72	.015	.009	LD		
	73	.024	LD	LD	LD	
	74	.020		.006		
WILMINGTON						
SITE 003	70	.044	.036	.019		
	71	.070			.052	
	72	.032	.023	.015	.026	.0242
	73	.031			.022	
	74	.031			.027	
DISTRICT OF COLUMBIA						
WASHINGTON						
SITE 001	70	.034	LD		LD	
	71	.029	.017	.012	.041	.0278
	72	.058	.017		.020	
	74	.017				
FLORIDA						
JACKSONVILLE						
SITE 002	70	LD	.037	LD	LD	
	71	.016	LD	LD	.017	
	72	LD	LD	LD	LD	
	73	LD	.030	LD	.047	
	74			.011	.010	
MIAMI						
SITE 002	70	.042	LD	LD	LD	
	71	.014	.023	LD	.028	.0162
	72	.033	.010	.008	LD	.0125
	73	LD	.019	.033		
	74	.013	LD	.019	LD	
ST PETERSBURG						
SITE 002	70	.015	LD	LD	LD	
	71	LD	LD	.015	.032	
	72	LD	LD	LD	LD	
	73	.016		LD		
	74			.010	LD	
TAMPA						
SITE 002	70	LD	LD	LD	LD	
	71	.021	.017	.013		
	72	.018	LD	LD	LD	
	73	.022			LD	
	74		.017	LD	LD	
GEORGIA						
ATLANTA						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73	LD	LD	LD	LD	
	74	LD	LD	LD	LD	

POLLUTANT : 17136 - NITRATE
METHOD : HI-VOL EMISSION SPECTRA (LOW TEMP ASH)
UNITS : UG/CU METER (25 C)
DATA TYPE : QUARTERLY COMPOSITE
PROJ. CLASSIFICATION : URBAN
ANALYTICAL QUALITY : 21+-381.7%

LOWER DISCRIMINATION LEVEL (LD)
70 - .0015
71 - .0015
72 - .0012
73 - .0017
74 - .0019

LOCATION	YR.	1ST. QTR.	2ND. QTR.	3RD. QTR.	4TH. QTR.	YR. AVG.
GEORGIA						
COLUMBUS						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73	LD	LD	LD	LD	
	74		LD	LD	LD	
SAVANNAH						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72		LD		LD	
	73	LD	LD	LD		
HAWAII						
HONOLULU						
SITE 001	70	.015	.026	.031	.039	.0329
	71	.009	.008	.039	.039	.0438
	72		.011	.012	.028	
	73	.061	.014	.051	LD	.0367
	74	.026	.016	.037	.034	.0457
IDAHO						
BOISE CITY						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	.016	LD	LD	
	73	LD	LD	LD	LD	
	74	LD	LD			
ILLINOIS						
CHICAGO						
SITE 001	70	LD	LD	LD	LD	
	71	.020	.049	LD	.027	.0362
	72	.049	LD	.016	.037	.0296
	73			LD		
	74				.027	
EAST ST LOUIS						
SITE 001	70	.031				
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73	LD		LD		
	74			.009		
EAST ST LOUIS						
SITE 004	70			LD		
JOLIET						
SITE 001	70	LD	LD	LD		
	71	LD	.018	LD		
	72	LD	LD	LD	LD	
	73	LD	LD	LD		
MOLINE						
SITE 001	72		LD	LD	LD	
	73	LD	LD	LD		
	74	LD	LD	LD	LD	
NORTH CHICAGO						
SITE 002	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73	LD	LD	LD		
	74	LD				
PEORIA						
SITE 001	70	LD	LD	.021	.019	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73	LD	LD	LD		
ROCKFORD						
SITE 001	70	LD	LD			
	71	LD		LD		
	72	.019	LD	LD		
	73		LD			
	74				LD	
ROCK ISLAND						
SITE 001	70		.022	LD	.022	
	71	LD	.019	LD	.038	
	72	LD	LD	LD		
	73		LD	LD		
	74		.026	LD	.037	
SPRINGFIELD						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73	LD	LD	LD		
	74	LD	LD	LD	LD	
INDIANA						
EAST CHICAGO						
SITE 001	70	.056	.058	.039	.083	.0515
	71	.052	.025	.031	.034	.0329
	72	.008	.038	.027	.060	.0334
EVANSVILLE						
SITE 001	70	LD	LD	LD	.022	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	.014	
	73	LD	LD	LD		
	74		LD	.013	.015	
FORT WAYNE						
SITE 001	70	LD	LD	LD	LD	
FORT WAYNE						
SITE 002	71	LD	LD	LD	LD	
	72	LD	LD	LD	.016	
	73	.013	.013	.014		
GARY						
SITE 001	70	.024	LD	LD	LD	
	71	.023	LD		.020	
	72	.025	LD	LD	LD	
	73	.009	LD	LD		
	74	LD	LD	LD	.032	
HAMMOND						
SITE 001	70	.026	LD	LD	.026	
	71	LD	.021	LD	.017	
HAMMOND						
SITE 002	72	.016	.035	LD	LD	
	73	.008	LD	LD		
	74	LD	LD	.012	.018	
INDIANAPOLIS						
SITE 001	70	LD	.017	LD	LD	
	71	.018	LD	LD	LD	
	72	LD	LD	LD		
	74		LD	.013		
MUNCIE						
SITE 001	70	LD	LD	LD		
	71				LD	.017
	72	LD				
NEW ALBANY						
SITE 002	70	LD	LD	LD	LD	
	71	LD				
	72		LD	LD	LD	
	73	LD	LD	LD		
	74		LD			
SOUTH BEND						
SITE 002	70	LD	LD	LD	LD	
	71	.018	LD	LD		
	72		LD	LD	LD	
	73	LD	LD	LD		
	74	.008	LD	LD	LD	
TERRE HAUTE						
SITE 001	70	LD	LD	LD	LD	
	71	LD		LD		
	72	LD	LD	LD	LD	
	73	LD	LD	LD		
	74		LD	LD	.019	

POLLUTANT : 12136 - NICKEL
METHOD : HI-VOL EMISSION SPECTRA (LOW TEMP ASH)
UNITS : UG/CU METER (25 C)
DATA TYPE : QUARTERLY COMPOSITE
PROJ. CLASSIFICATION : URBAN
ANALYTICAL QUALITY : 2114-781.749

LOWER DISCRIMINATION LEVEL (LD)
70 - .0015
71 - .0015
72 - .0012
73 - .0017
74 - .0019

LOCATION	YR.	1ST. QTR.	2ND. QTR.	3RD. QTR.	4TH. QTR.	YR. AVG.
*IOWA						
CEDAR RAPIDS						
SITE 001	70	LD	LD	.004	LD	
	71	LD	LD	LD		
	72	LD	LD	LD	LD	
	73	LD	LD	LD	LD	
	74	LD	LD	.002	LD	
DAVENPORT						
SITE 001	70	LD	LD	LD	LD	
	71	LD		.021	.007	
	72	.009	.019	LD	LD	
	73	LD	LD	LD	LD	
	74	LD	.014	LD	.014	
DES MOINES						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73	LD	LD	LD	LD	
	74	LD	LD	LD	LD	
DUBUQUE						
SITE 001	70	LD	LD			
DUBUQUE						
SITE 002	71		LD			
	72	LD	LD	LD	.006	
	73	LD	LD	LD	LD	
	74	LD	LD	LD	.011	
DUBUQUE						
SITE 004	74	LD	LD	LD	.019	
WATERLOO						
SITE 001	71		LD	LD	LD	
WATERLOO						
SITE 004	72	LD	.017			
	73		LD	LD	LD	
	74	LD	LD	LD	LD	
*KANSAS						
KANSAS CITY						
SITE 002	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73	LD	LD	LD	LD	
	74	LD	LD	.023	LD	
KANSAS CITY						
SITE 012	74		LD	LD	LD	
TOPEKA						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73		LD	LD	LD	
	74	LD	LD	LD	LD	
WICHITA						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73	LD	LD	LD	LD	
	74	LD	LD	LD	LD	
*KENTUCKY						
ASHLAND						
SITE 002	70	LD	.009	LD	.006	
	71	.004	.005	.010		
	72	LD	LD	LD	.023	
	73	LD	LD		LD	
	74	LD	LD	LD	LD	
BOWLING GREEN						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73	LD	LD	LD	LD	
	74	LD	LD	LD	LD	
COVINGTON						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	.020	LD	LD	LD	
	73	.017	LD			
	74	LD	LD	LD	LD	
LEXINGTON						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73	LD	LD			
	74				LD	
LOUISVILLE						
SITE 002	72	LD	.010			
	73			.034	.039	
	74		LD	.062	LD	
LOUISVILLE						
SITE 003	70		.022	.050	.165	
	71	.043	.039	.074	.055	.0526
*LOUISIANA						
BATON ROUGE						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73	LD	LD	LD		
	74	LD	LD	LD	LD	
NEW ORLEANS						
SITE 002	70	.007	.021	.039	.066	.0498
	71	.029	.047	.027	.035	.0336
	72	.013	LD	.013	.028	.0137
	73	.013	LD	LD		
	74	LD	LD		LD	
SHREVEPORT						
SITE 001	70	LD	.062	LD	LD	
	71	.017	.059	.017	LD	.0219
	72	LD	LD	LD	LD	
	73		LD	LD	LD	
	74	LD	LD	LD	LD	
*MAINE						
PORTLAND						
SITE 002	70	.159	.104	.045	.125	.1081
	71	.347	.175	.033	.091	.1614
	72	.111	.170			
	73		.067			
	74	.025	.020	.017		
*MARYLAND						
BALTIMORE						
SITE 001	70	.072	.037	.040	.036	.0463
	71	.058	.026		.030	
	72	.041	.019	.022	.022	.0262
	73	.027	.017	.011	.018	.0167
	74	.028	.011	.017	.022	.0195
*MASSACHUSETTS						
BOSTON						
SITE 001	70	.089		.037	.051	
	71		.017			
	72	.019	LD	.029		
	73				LD	
	74		.017	.012		
CAMBRIDGE						
SITE 001	70		LD		.031	
	71	.091	.048	.087	.111	.0934
	72		LD			
	73			.019	.017	
	74		LD	.006		

POLLUTANT : 12136 - NICKEL
METHOD : HI-VOL EMISSION SPECTRA (FLOW TEMP ASH)
UNITS : UG/CU METER (25 C)
DATA TYPE : QUARTERLY COMPOSITE
PROJ. CLASSIFICATION : URBAN
ANALYTICAL QUALITY : 2110-101.707

LOWER QUANTIFICATION LEVEL (LQL)
70 = .0015
71 = .0015
72 = .0012
73 = .0017
74 = .0019

LOCATION	YR.	1ST. QTR.	2ND. QTR.	3RD. QTR.	4TH. QTR.	YR. AVG.
*MASSACHUSETTS						
FALL RIVER						
SITE 002	70	.025	.034	LD	.040	.0177
	71	.088	.025	LD	.088	.0393
	72			LD	.019	
	73		LD	LD		
	74					
NEW BEDFORD						
SITE 001	70		.099			
	72		LD			
	73			LD	.017	
	74		LD	LD		
SPRINGFIELD						
SITE 002	70	.067	.021	.035	.049	.0414
	71	.066	.021			
	72		.016	.029	.027	
	73	.029	LD			
	74		.012	LD		
WORCHESTER						
SITE 001	70	.095	.037	.024	.079	.0574
	71	.099	.019	.029	.069	.0567
	72	.059	.019	LD	.025	.0259
	73	.067	.015		.020	
	74		LD			
*MICHIGAN						
DEARBORN						
SITE 001	70	LD	LD	LD		
	71		LD	.015		
	73	LD	LD	.016		
	74	LD	LD	LD	LD	
DETROIT						
SITE 001	70	LD	.055	.027	LD	
	71	.017	LD	.089	.029	.0226
	74			LD	LD	
FLINT						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD		
	73	LD	LD	.012		
	74				LD	
GRAND RAPIDS						
SITE 001	70	LD	LD	LD	LD	
	71	.032	.016	.075	.049	.0428
	72	LD	LD	LD	LD	
	73	.012	LD	LD		
LANSING						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72		LD	LD	LD	
	73	LD	LD	LD		
	74	.015	LD	LD		
SAGINAW						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD		
	73	LD	LD	LD	LD	
	74	LD	LD	.015	LD	
TRENTON						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73	LD	LD	LD		
	74		LD	LD		
*MINNESOTA						
DULUTH						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73	LD	LD	LD		
	74		LD	LD		
MINNEAPOLIS						
SITE 001	70	LD	LD	LD	LD	.022
	71	LD	LD	LD	LD	
	72	LD	LD		LD	LD
	73	LD			LD	
	74				LD	
MOORHEAD						
SITE 001	70	LD	LD	LD	LD	LD
	71	LD	LD	LD	LD	
	72	LD	LD		LD	
	73	LD				
ST PAUL						
SITE 001	70	.049	LD	LD	LD	LD
	71	.018	LD	LD	LD	
	72	LD	LD	LD	LD	.012
	73	LD	LD	LD	.019	
	74	.015	LD	LD	LD	
*MISSISSIPPI						
JACKSON						
SITE 002	70	LD	LD	LD		
	71	LD	LD			
	73	LD	LD	LD	LD	
	74	LD	LD	LD	LD	
*MISSOURI						
KANSAS CITY						
SITE 002	70	LD	LD	LD	LD	
	71	LD	LD			
	73	LD	LD	LD	LD	
	74	LD	LD	LD		
ST LOUIS						
SITE 001	70	.031	LD		LD	
	71	.019	.061	LD	LD	
	72	.009	LD	LD	.012	
	73				.022	
	74	LD	LD	LD	LD	
*MONTANA						
HELENA						
SITE 001	70	LD	LD	LD		
	71	LD	LD	LD	LD	
	72		LD			
*NEBRASKA						
LINCOLN						
SITE 002	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73	LD	LD	LD	LD	
	74	LD	LD	LD	LD	
OMAHA						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73	LD	LD	LD	LD	
	74	LD	.012	LD	LD	
*NEVADA						
LAS VEGAS						
SITE 001	70	LD	LD	LD		
	71	LD	LD	LD		
	72	.008				
	74		LD		LD	
RENO						
SITE 001	70	.058	LD	LD		
	71	.025		LD		
	72	.050	LD	LD	.015	
	73	LD	LD	LD	.008	
	74	.013	LD	LD	LD	

POLLUTANT : 12136 - NICKEL
METHOD : HI-VOL EMISSION SPECTRA FLOW TEMP ASH)
UNITS : UG/CU METER (25 C)
DATA TYPE : QUARTERLY COMPOSITE
PROJ. CLASSIFICATION : URBAN
ANALYTICAL QUALITY : 211+-141.789

LOWER DISCRIMINATION LEVEL (LD)
70 - .0015
71 - .0015
72 - .0012
73 - .0017
74 - .0019

LOCATION	YR.	1ST. QTR.	2ND. QTR.	3RD. QTR.	4TH. QTR.	YR. AVG.
NEW HAMPSHIRE						
CONCORD						
SITE 001	70	.020	LD	LD	LD	
	71	.027	LD	LD	.017	
	72	.017	.0064	.016	.016	.0270
	73	LD			.018	
	74	.018	.017	LD		
NEW JERSEY						
BAYONNE						
SITE 001	70	.060	.072	LD		
	72		.022	.038	.032	
	74		.020	.026	.033	
BURLINGTON CO						
SITE 002	70	.046	.019	LD	.019	.0209
	71	.018	.014	.013	.020	.0166
CAMDEN						
SITE 001	70	.085	.089	.029	.038	.0498
	71	.068	.038			
	72		.026	.035		
	73			.018	.033	
	74	.087	.036			
CAMDEN CO						
SITE 002	73		LD	LD		
ELIZABETH						
SITE 002	70	.058	.042	.024	.042	.0441
	71	.050	.030	.029	.056	.0414
	72	.030	.019	.024		
	73			.010	.016	
	74	.055	.017	LD	.018	.0229
GLASSBORO						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD		
	72	.015	LD	LD	.010	
	73			LD		
	74	.017	LD	LD	LD	
HAMILTON						
SITE 001	70		.033	.019	LD	
	71	.027	LD			
JERSEY CITY						
SITE 001	70	.060	.046	.053	.061	.0573
	71	.070	.043	.032	.052	.0414
	72	.047	.018	.025	.022	.0281
	73		.011	.013		
	74		.017		.037	
NEWARK						
SITE 001	70	.075	.052	.044	.051	.0555
	71	.051	.035	.024		
	72	.042	.029	.012	.025	.0269
	73			.011	LD	
	74	.028	.017	.027	.024	.0215
PATERSON						
SITE 001	70	.047	.024	.024	.036	.0566
	71	.028	.033			
	72				.037	
	73			LD	LD	
	74	.027	.024		.023	
PERTH AMBOY						
SITE 001	70	.047	.033	.025	.028	.0312
	71	.033	.026	.021	.028	.0280
	72	.021	.020	.014	.020	.0209
	74		.017	.030		
TRENTON						
SITE 001	70	.063	.023	.041	.045	.0428
	71		.030	.032		
	72	.035	.014	.014	.016	.0197
	73			LD	.013	
	74	.030	LD	.022	.025	.0195

LOCATION	YR.	1ST. QTR.	2ND. QTR.	3RD. QTR.	4TH. QTR.	YR. AVG.
NEW MEXICO						
ALBUQUERQUE						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73	LD	LD	LD		
	74	LD	LD	LD	LD	
NEW YORK						
ALBANY						
SITE 001	70	.036	.028	.027		
	71	.045	.033	.042		
	72	.029	.033	.026	.020	.0271
	73		.029		.026	
	74	.033	.036	.026	.027	.0301
BUFFALO						
SITE 001	70	.050	.029	.036	.028	.0367
	71	.047	.029	.025	.034	.0336
	72	.019	LD	.022	.031	.0165
	73		.008	.008	.009	
	74	LD	LD	.018	.028	
NEW YORK CITY						
SITE 001	70	.127	.060	.070	.099	.0891
	71	.161	.081		.067	
	72	.031	.040	.022	.028	.0299
	73		.011	.023	.022	
	74	.021	.031	.029	.026	.0258
NIAGARA FALLS						
SITE 001	70	.046	.030	LD	.019	.0238
	71	.021	.021	.021	.016	.0195
	72	.011	.017	LD	.011	.0097
	73			.015	.009	
	74	.018	LD	.019	.009	.0095
ROCHESTER						
SITE 001	70	LD	LD	LD	.037	
	71	LD	LD	LD	LD	
	72	LD	LD	.010	LD	
	73		LD	LD	LD	
	74	LD	LD	LD	.017	
SYRACUSE						
SITE 001	70	.021	LD	.017	LD	
	71	LD	.015	LD	.017	
	72	LD	LD	LD	.012	
	73		LD	LD	LD	
	74	LD	LD	.012	.009	
UTICA						
SITE 001	70	.013	LD	.018	.019	.0192
	71	.023	.022	LD	LD	
	72	.024	.016	LD	.020	.0192
	73				.015	
	74		LD		.104	
YONKERS						
SITE 001	70	.085	.059	LD	.028	.0332
	71	.058		.036	.024	
	72	.016	.016	.022		
	74			.016	LD	
NORTH CAROLINA						
CHARLOTTE						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD			
	72	LD	LD	LD	LD	
	74	LD	LD	LD	LD	
DURHAM						
SITE 001	70	LD	LD	LD	LD	
	71		LD	LD	LD	
	72	LD	LD	LD	LD	
	73	LD	LD	LD	LD	
	74	LD	LD	LD	LD	

POLLUTANT : 13136 - NICKEL
METHOD : HI-VOL EMISSION SPECTRA (FLOW TEMP ASHI
UNITS : UG/CU METER (25 C)
Data TYPE : QUARTERLY COMPOSITE
PROJ. CLASSIFICATION : URBAN
ANALYTICAL QUALITY : 2114-161.369

LOWER DISCRIMINATION LEVEL (LDL)
70 - .0015
71 - .0015
72 - .0012
73 - .0017
74 - .0019

LOCATION	YR.	1ST. QTR.	2ND. QTR.	3RD. QTR.	4TH. QTR.	YR. AVG.
NORTH CAROLINA						
GREENSBORO						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD			
	72	LD	LD	LD	LD	
	73	LD	.0069	LD	LD	
	74	LD	LD	LD	LD	
WINSTON-SALEM						
SITE 002	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73		LD	LD	LD	
	74	LD	LD	LD	LD	
NORTH DAKOTA						
BISMARCK						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73	LD	LD	LD	LD	
OHIO						
AKRON						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	.0036	.0031		
	73	.0017	LD	LD		
	74		LD	LD		
CANTON						
SITE 001	70	.0028	LD	.0078	.0031	.0242
	71	.0015	.0052	.0041	.0031	.0349
	72	.0036		LD	LD	
	73	.0029	.0038	.0096		
	74		.0017	.0078	.0039	
CINCINNATI						
SITE 001	70	LD	.0064	LD	LD	
	71	.0017	LD	LD	LD	
	72	LD	LD	LD	.0017	
	73		.0031		LD	
	74					
CLEVELAND						
SITE 001	70	LD	LD	LD	LD	
	71	LD	.0015			
	72	LD	LD		.0012	
	73				.0010	
	74					
COLUMBUS						
SITE 001	70	.0069	.0030	.0021	.0027	.0315
	71	.0017	LD	LD	LD	
	72	LD	LD	.0018	LD	
	73	.0055				
	74				.0020	
DAYTON						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	.0020	LD	LD	LD	
	73	LD	LD	LD		
	74	LD			LD	
IRONTON						
SITE 002	71	.0055	.0031	LD	LD	
	72	LD	.0036	.0100	LD	
	73	.0059	LD	LD		
	74		.0026			
PORTSMOUTH						
SITE 002	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73	LD	.0071	LD		
	74		LD			
STEUBENVILLE						
SITE 001	71	LD	.0026	.0075	.0036	.0221
	72	LD				
	73	.0079	LD	.0215		
	74			.0034		

LOCATION	YR.	1ST. QTR.	2ND. QTR.	3RD. QTR.	4TH. QTR.	YR. AVG.
TOLEDO						
SITE 001	70	LD	LD	LD		
	71	LD	LD	LD	LD	
	72	LD	.0071	LD	LD	
	74		LD	LD	LD	
YOUNGSTOWN						
SITE 001	70	LD	LD	LD	.0050	
	71	.0010	.0073	LD	LD	
	72	.0020	.0041	.0022	.0015	.0246
	73			LD		
	74	LD	LD		LD	
OKLAHOMA						
OKLAHOMA CITY						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD			
OKLAHOMA CITY						
SITE 015	73	LD	LD	LD	LD	
	73	.0017	LD			
	74	LD	LD	LD	LD	
OKLAHOMA CITY						
SITE 029	73	LD	.0133	LD		
	74	LD	LD	LD	LD	
TULSA						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	.0040	LD		
	73	LD	LD	.0076	LD	
	74	LD	LD	LD	LD	
OREGON						
EUGENE						
SITE 001	70	.0227	LD	LD		
MEDFORD						
SITE 001	70	LD	LD	LD		
	71	.0026	.0018			
PORTLAND						
SITE 001	70	.0163	.0077	.0035	.0158	.0772
	71	.0151		.0055	.0176	
	73	.0028	.0048	.0075	.0200	.0876
	73			.0031		
	74	.0025	.0029			
PENNSYLVANIA						
ALLENTOWN						
SITE 001	70	.0041	.0040	.0032	.0047	.0492
	71	.0034	.0018	.0015	.0029	.0339
	72	.0064	.0071	LD	.0021	.0768
	73	LD	LD	LD	LD	
	74	.0018	.0010	LD	LD	
ALTOONA						
SITE 001	70	.0024	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	.0022	.0087	
	73	LD	LD	LD	LD	
	74		LD	LD	LD	
BETHLEHEM						
SITE 002	70	.0029	.0049	.0043	.0042	.0406
	71	.0031	.0016	.0019	.0017	.0209
	72	LD	.0029	.0020	.0015	.0210
	73	.0022	LD	LD	.0116	
	74	LD	LD	.0017		
CLEARFIELD CO						
SITE 001	73	LD	.0027	LD		
ERIE						
SITE 002	70	LD	LD	LD	.0026	
	71	LD	LD	LD	LD	
	72	.0119	.0031	.0022	.0037	.0259
	73	.0060	LD	LD	LD	
	74		LD	LD	LD	

POLLUTANT : 12136 - METHYL
METHOD : HI-VOL EMISSION SPECTRA (LOW TEMP ASH)
UNITS : UG/CU METER (25 C)
DATA TYPE : QUARTERLY COMPOSITE
PROJ. CLASSIFICATION : URBAN
ANALYTICAL QUALITY : 2116-101.T03

LOCATION	YR.	1ST. QTR.	2ND. QTR.	3RD. QTR.	4TH. QTR.	YR. AVG.
PENNSYLVANIA						
HARRISBURG						
SITE 001	70	.025	LD	LD	.025	
	71	.027	.024	.018	.027	.0239
	72	.025	.019	LD	.019	.0213
	73	.029	LD		.057	
	74		LD			
HAZLETON						
SITE 001	70	LD	LD	LD	.022	
	71	LD	LD	LD	LD	
	72	LD	.024	LD	LD	
	73	LD	LD	LD	.020	
	74	LD	LD	LD	LD	
JOHNSTOWN						
SITE 001	70	LD	LD	LD	LD	
	71	.019	.015			
LANCASTER CITY						
SITE 001	70	.022	LD			
	71			.014	.039	
LANCASTER CITY						
SITE 002	70			LD		
	72		.008	LD	.011	
	74	LD	.014	.018		
PHILADELPHIA						
SITE 001	70	.100	.057	.059	.052	.0668
	71	.050	.029	.045	.055	.0470
PHILADELPHIA						
SITE 004	72	.026	.020	.031	.020	.0326
	73	.027				
	74	.050	.047	.038	.040	.0458
PITTSBURGH						
SITE 001	70	.019	.021	.036	.041	.0268
	71	.027	.021		.029	
	74	.015	.022	.024	LD	.0157
READING						
SITE 001	70	.159	.035	.040	.044	.0702
	71	.059	.060	.035		
	73	.021	.024	.043	.178	.0846
	77	.100	.021	.071		
SCRANTON						
SITE 001	70	.029	LD	LD	LD	
	71	.017	LD	LD	.021	
	72	LD	.017	.008	.013	.0083
	73	.019	LD	.015	.029	.0157
	74	LD	LD	LD	.019	
WARMINSTER						
SITE 001	70	.024	LD	LD	.027	
	71	LD	LD			
	74		LD	LD		
WEST CHESTER						
SITE 001	70	LD	LD	LD		
	71	.067				
	73	.129	.117	.076		
WILKES-BARRE						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73	.037	LD	.048	.027	.0273
	74	LD	LD	LD	LD	
YORK						
SITE 001	70	.028	LD	.029	.049	.0263
	71	.035	LD	LD	.033	
	72	.029	.023	.017	.036	.0223
	73	.019	.068	.085	.197	.1747
	74	.067				

LOWER DISCRIMINATION LEVEL IS:
70 - .0015
71 - .0015
72 - .0012
73 - .0017
74 - .0019

LOCATION	YR.	1ST. QTR.	2ND. QTR.	3RD. QTR.	4TH. QTR.	YR. AVG.
PUERTO RICO						
BAYAMON						
SITE 002	70	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73			LD		
	74	.010	LD	LD		
CATANO						
SITE 002	70	.028	.033	.037	.036	.0327
	72	.034	.020	.022	.031	.0269
	73		.023	.036	.077	
	74		LD	.016		
GUAYANILLA						
SITE 002	70	.076	.085	LD	.088	.0668
	73	.023	.018	LD	LD	
	77		LD	.011	.015	
	74	.015	.031			
PONCE						
SITE 002	70	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73		LD	LD	LD	
	74	LD	LD		LD	
SAN JUAN						
SITE 001	70	LD	.026	.032	LD	
	72	.029	.021	LD	LD	
	73		LD	.015	.022	
	74	LD	LD	LD		
RHODE ISLAND						
EAST PROVIDENCE						
SITE 001	70	.034	LD	.021	.047	.0347
	71	.041	.030	.030	.044	.0401
	73	.015	.044	.009	.269	.0841
	77	.045	LD	.010	LD	
	74			.012		
PROVIDENCE						
SITE 001	70	.133	.026	LD	.122	.0779
	71	.047	.021	.025	.027	.0289
	73	.047	.026	.010	.037	.0287
	77	LD	.017		.022	
	74	.037		LD	.022	
SOUTH CAROLINA						
COLUMBIA						
SITE 004	70	LD	LD	LD		
	71	LD				
	77	LD	.016	LD	LD	
	73	.028	.139	.040	.050	.0780
	74		LD	.011	LD	
GREENVILLE						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73	.039	LD	.042	.087	.1748
	74	LD	LD	LD	LD	
SOUTH DAKOTA						
SIOUX FALLS						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	.014		
	73	LD	.015	LD		
TENNESSEE						
CHATTANOOGA						
SITE 001	70	LD	LD	LD	LD	
	71	.013	.018	.020		
	72	LD	LD	LD	LD	
	73	LD	LD			
	74			LD		
KNOXVILLE						
SITE 001	70	LD	LD	LD		

POLLUTANT : 12136 - NICKEL
METHOD : HI-VOL EMISSION SPECTRA (LOW TEMP ASH)
UNITS : UG/CU METER (25 C)
DATA TYPE : QUARTERLY COMPOSITE
PROJ. CLASSIFICATION : URBAN
ANALYTICAL QUALITY : 211+-101.149

LOWER DISCRIMINATION LEVEL (LDL)
70 - .0015
71 - .0015
72 - .0012
73 - .0017
74 - .0019

LOCATION	YR.	1ST. QTR.	2ND. QTR.	3RD. QTR.	4TH. QTR.	YR. AVG.
TENNESSEE						
KNOXVILLE						
SITE 002	71	.015	LD	LD	LD	
	72	LD	LD	LD	LD	
	74		LD	LD	LD	
MEMPHIS						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73	LD	LD	LD	LD	
	74	LD	LD	LD	LD	
NASHVILLE						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD			
	72	LD	LD		LD	
	73	LD	.012	LD	LD	
	74	LD	LD	.014		
TEXAS						
AMARILLO						
SITE 002	71	LD				
	74		LD			
AUSTIN						
SITE 002	70			LD	LD	
	71	LD	LD	LD	LD	
	74	LD	LD			
BEAUMONT						
SITE 001	70			LD	LD	
	71	LD	LD			
	74		LD			
CORPUS CHRISTI						
SITE 001	70			LD	LD	
	71	LD		LD		
	74		LD	LD		
DALLAS						
SITE 002	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73	LD	LD		LD	
	74	LD	LD	LD	LD	
EL PASO						
SITE 002	70	LD	LD	LD	LD	
	71	LD	LD	LD		
	72	LD	LD	LD	LD	
	73	LD	LD	LD	LD	
	74	LD	LD	LD	LD	
FORT WORTH						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	.009	LD	.017	
	73	LD	LD	.035	LD	
	74	LD	LD	LD	LD	
HOUSTON						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	.014	
	73	.028	.069	LD	.021	.0284
	74	.037	LD	LD	LD	
LUBBOCK						
SITE 001	70			LD	LD	
	71	LD	LD	LD		
	74		LD			
PASADENA						
SITE 002	70	.017	LD	LD	LD	
	71	LD	LD	.028	.025	
	72	LD	LD	.012	.040	
	73	.059	.025	.021	.037	.0342
	74	LD	.011			
SAN ANTONIO						
SITE 001	70	.017	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73	LD		LD	LD	
	74	LD	LD	LD	LD	
WICHITA FALLS						
SITE 001	70				LD	
	73	LD	LD	LD		
WICHITA FALLS						
SITE 002	74	LD		LD		
UTAH						
OGDEN						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73	LD	LD	LD	.026	
SALT LAKE CITY						
SITE 001	70	LD	LD	.026	.021	
	71	LD	LD		LD	
	72	LD	LD	LD	LD	
VERMONT						
BURLINGTON						
SITE 001	70	.052	LD	.037	LD	
	71	.022	LD	.017		
	72	.019				
	74	LD	.016	LD	LD	
VIRGINIA						
DANVILLE						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD		
	72	LD	LD	LD	LD	
	73	LD				
	74	LD	LD			
FAIRFAX CO						
SITE 001	71	.017	LD	LD	LD	
	72	.018	LD	LD	LD	
	73	.015	LD	LD		
HAMPTON						
SITE 004	70	LD	LD	LD	LD	
	71	LD	LD	LD	.017	
	72	LD	LD	LD	LD	
	73	LD	LD	.010	.012	
	74	LD	LD	.014	LD	
LYNCHBURG						
SITE 001	70	LD	LD	LD	LD	
	71	.030	LD	LD	.012	
	72	.017	.012	LD	LD	
	73	LD	LD			
	74			LD	LD	
NEWPORT NEWS						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD		
	73	LD	LD	LD		
	74		LD			
NORFOLK						
SITE 001	70	.028	LD	.021	LD	
	71	.026	.013	LD	LD	
	72	LD	LD	LD	LD	
	73	.020	LD	LD	.018	
	74	LD	.017	.020	.027	.0150
PORTSMOUTH						
SITE 001	70	LD	.021	LD	LD	
	71	.024	LD		.026	
	72	LD	LD	LD	.017	
	73	.017	LD	LD	.018	
	74		.026		LD	

POLLUTANT : 12136 - NICKEL
METHOD : HI-VOL EMISSION SPECTRA (LOW TEMP ASH)
UNITS : UG/CU METER (25 C)
DATA TYPE : QUARTERLY COMPOSITE
PROJ. CLASSIFICATION : URBAN
ANALYTICAL QUALITY : 91%+-3%1.3%

LOWER DISCRIMINATION LEVEL (LD)
70 - .0015
71 - .0015
72 - .0012
73 - .0017
74 - .0019

LOCATION	YR.	1ST. QTR.	2ND. QTR.	3RD. QTR.	4TH. QTR.	YR. AVG.
VIRGINIA						
RICHMOND						
SITE 002	70	.027	LD	LD	.029	
	71				.023	
	72	.028	.017			
	73	.029	.023	LD	.025	.0197
	74					
ROANOKE						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD		
	73	LD		LD	LD	
	74	LD	LD	LD		
WASHINGTON						
SEATTLE						
SITE 001	70	.028	.029	.030	.037	.0258
	71	.028	.027	.026	.050	.0319
	72	.030	.008	LD		
	73	.035	.019	.016	.018	.0222
	74	LD	LD			
SPOKANE						
SITE 001	70	.019	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73	LD	LD	LD		
	74	LD	LD			
TACOMA						
SITE 001	70	.029	LD	LD	.032	
	71	.025	.022	.019	LD	.0279
	72	.027	LD	LD	.023	
	73	.030	.015	LD	LD	
	74	.017				
WEST VIRGINIA						
CHARLESTON						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
HUNTINGTON						
SITE 001	71		.118	.095	.152	
HUNTINGTON						
SITE 005	72	LD		.052	LD	
	73	LD		.060	.058	
	74	.017				
SOUTH CHARLESTON						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD			LD	
	73	LD	LD	LD		

LOCATION	YR.	1ST. QTR.	2ND. QTR.	3RD. QTR.	4TH. QTR.	YR. AVG.
	74	LD	LD	LD	LD	
WISCONSIN						
EAU CLAIRE						
SITE 002	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73	LD	LD	LD		
	74	LD				
KENOSHA						
SITE 001	70	LD	LD	LD	LD	
	71	.024	.018	LD	LD	
	72	LD	.012	LD	LD	
	73	LD	LD	.024		
	74				LD	
MADISON						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73	LD	.011	LD		
	74	LD	LD	LD	LD	
MILWAUKEE						
SITE 001	70	.042	LD	LD	LD	
	71	.025	LD	LD	.016	
	72	.028	LD	.020	.017	.0158
	73	LD	LD	LD		
	74			LD	LD	
RACINE						
SITE 001	70	.020	LD	LD	LD	
	71		LD	LD	LD	
	72	LD	LD	LD	LD	
	73	LD	LD	LD		
	74	.017	LD	LD	.019	
SUPERIOR						
SITE 001	70	LD	LD	.019	LD	
	71	LD	LD			
	72	LD	LD			
	73		LD		LD	
	74		LD			
WYOMING						
CASPER						
SITE 001	70	LD	LD	LD	LD	
	72		LD	LD	.150	
	73	LD	LD	LD	LD	
CHEYENNE						
SITE 001	70	LD	LD	LD	LD	
	72		.095	.050	.017	
	73	LD				

POLLUTANT : NITRATE - NITROGEN
METHOD : AT-VAL EMISSION SPECTRA (LOW TEMP ASH)
UNITS : MG/SQ METER (DRY)
DATA TYPE : QUARTERLY COMPOSITE
PROJ. CLASSIFICATION : NON-URBAN
ANALYTICAL QUALITY : 2114-781.3AT

LOWER DISCRIMINATION LEVEL (LDL)
70 - .0015
71 - .0015
72 - .0012
73 - .0017
74 - .0019

LOCATION	YR.	1ST. QTR.	2ND. QTR.	3RD. QTR.	4TH. QTR.	YR. AVG.
ARIZONA						
GRAND CANYON NAT						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD		
	72				LD	
	73	LD	LD		LD	
	74	LD	LD	.020	.005	
MARICOPA CO						
SITE 005	73	LD		.060	LD	
	74	LD	LD		LD	
ARKANSAS						
MONTGOMERY CO						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD		
	72	LD		LD	LD	
	73	LD		LD		
	74	LD	LD	LD	LD	
CALIFORNIA						
HUMBOLDT CO						
SITE 001	70	LD	LD	LD	LD	
	71	LD				
COLORADO						
MESA VERDE NAT PA						
SITE 002	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72		LD	LD	LD	
	73	LD	LD	LD	LD	
DELAWARE						
KENT CO						
SITE 001	70	LD	LD	LD		
	71	LD			LD	
	72			LD	LD	
	73			.014		
FLORIDA						
HARDEE CO						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	.016	LD	LD		
	73				LD	
	74	LD	LD			
HAWAII						
HAWAII CO						
SITE 001	72	LD	LD	LD	LD	
	73			LD		
	74	LD	LD		LD	
HAWAII CO						
SITE 002	72	.015	.010	.029	LD	.0135
	73	.007	LD		.005	
	74	.005			LD	
HAWAII VOLCANOES						
SITE 001	72	LD	LD	LD	LD	
	73	LD	LD		LD	
	74		LD	LD		
IDAHO						
BUTTE CO						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73	LD	LD	LD	LD	
	74	LD	LD			
INDIANA						
MONROE CO						
SITE 001	70	LD	LD	LD	.029	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73	LD	LD			
	74		.027	LD		
KENTUCKY						
JACKSON CO						
SITE 001	70	LD	LD	LD		
	71		LD	LD	LD	
	72	.009	LD	.008	LD	
	73	LD	LD			
	74	LD	LD	LD	LD	
MISSOURI						
SHANNON CO						
SITE 002	70	LD	LD	LD	LD	
	71	LD	LD	LD		
	72			.009	LD	
	73	LD	LD	LD	LD	
	74	LD	LD		LD	
MONTANA						
GLACIER NAT PARK						
SITE 001	70	LD	LD	.029		
	71	LD	LD	LD	LD	
	72	.007	LD	.077	LD	
NEBRASKA						
THOMAS CO						
SITE 001	70	LD	LD	LD	LD	
	71	LD			LD	
	72	LD		LD	LD	
	73	LD	LD	LD	LD	
	74	LD	LD			
NEVADA						
WHITE PINE CO						
SITE 001	70	LD	LD	LD	LD	
	71	LD			LD	
	72	LD	LD	LD	LD	
	73	LD	LD	LD	LD	
	74	LD	LD	LD	LD	
NEW HAMPSHIRE						
BELKNAP CO						
SITE 004	72	LD	LD	LD		
	73	LD		LD		
POPE CO						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD		
	72			LD	LD	
	73	LD	LD		.009	
	74	LD	.013	LD		
NEW MEXICO						
RIO ARRIBA CO						
SITE 001	70	LD				
	71		LD			
	72	LD	LD	LD	LD	

POLLUTANT : 12136 - NICKEL
METHOD : HI-VOL EMISSION SPECTRA (LOW TEMP ASH)
UNITS : UG/CU METER (25 C)
DATA TYPE : QUARTERLY COMPOSITE
PROJ. CLASSIFICATION : NON-URBAN
ANALYTICAL QUALITY : 2114-141.749

LOWER DISCRIMINATION LEVEL (LDL)
70 - .0015
71 - .0015
72 - .0012
73 - .0017
74 - .0019

LOCATION	YR.	1ST. QTR.	2ND. QTR.	3RD. QTR.	4TH. QTR.	YR. AVG.
NEW YORK						
JEFFERSON CO						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD		
	73			LD		
	74	LD	LD	LD		
NORTH CAROLINA						
CAPE HATTERAS NAT						
SITE 001	70	.007	.007	.007	.001	.0069
	71	.007	.007	.006		
	72	.007	.007			
OKLAHOMA						
CHEROKEE CO						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD		LD	
	72	LD	LD	LD	LD	
	73	LD	LD	LD	LD	
	74	LD	LD	LD		
OREGON						
CURRY CO						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD			
	72	LD	LD	LD	LD	
	73	LD	LD			
	74	LD	.009	LD		
PENNSYLVANIA						
CLARION CO						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	74	LD	LD	LD		
INDIANA CO						
SITE 001	72	LD	LD			
INDIANA CO						
SITE 002	73				.006	
	74	LD			LD	
INDIANA CO						
SITE 003	73	LD	.011	LD	.012	
RHODE ISLAND						
WASHINGTON CO						
SITE 002	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	73	.009	LD	.015		
	73			LD	.010	
	74	LD				
SOUTH CAROLINA						
RICHLAND CO						
SITE 002	70	LD				
	71	LD	LD	LD	LD	
	73	LD	LD	.010	LD	
	73	LD	.006	.032	LD	
	74	LD	LD	LD		
SOUTH DAKOTA						
BLACK HILLS NAT FO						
SITE 001	70	LD	LD	LD		
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	LD
TENNESSEE						
CUMBERLAND CO						
SITE 001	70	LD	LD	LD	LD	
	71	LD				
TEXAS						
MATAGORDA CO						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD		
	72	LD	LD	LD	LD	
	73	LD	LD	.007	.008	.0076
	74	LD	LD	LD	LD	
TOM GREEN CO						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73	LD	LD	.280	.014	
	74	LD	LD	LD		
VERMONT						
ORANGE CO						
SITE 001	70	.028	LD	.020	LD	
	71	.040	LD	LD		
	72	.037	LD	LD	LD	
	73		LD	LD	LD	
	74	LD	LD		LD	
VIRGINIA						
SHENANDOAH NAT PA						
SITE 001	70	.019	.022	LD	LD	
	71	LD	LD	LD		
	72	LD	LD	LD	LD	
	74		LD	LD		
WYTHE CO						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD		
	72	.011	LD	LD	LD	
	73	LD	LD	LD	LD	
	74	LD			LD	
WASHINGTON						
KING CO						
SITE 002	70	LD	LD	LD	LD	
	71	LD	LD			
	72	LD	LD	LD	LD	
	73	LD	.095	LD	LD	
	74	LD				
WISCONSIN						
DOOR CO						
SITE 001	70	LD	LD			
	72	LD	LD	LD	LD	
	73	LD		LD		
WYOMING						
GRAND TETON NAT PA						
SITE 001	70		LD	LD	LD	
	72	LD	LD	LD	LD	
YELLOWSTONE NAT PA						
SITE 001	70	LD	LD	LD	LD	
	72		LD	LD	LD	LD
	73	LD	LD	LD	LD	

POLLUTANT : 12161 - TITANIUM
METHOD : HI-VOL EMISSION SPECTRA (LOW TEMP ASH)
UNITS : UG/CU METER (25 C)
DATA TYPE : QUARTERLY COMPOSITE
PROJ. CLASSIFICATION : URBAN
ANALYTICAL QUALITY : 92(+-12%,95)

LOWER DISCRIMINATION LEVEL (LD)
70 - .004
71 - .004
72 - .003
73 - .005
74 - .006

LOCATION	YR.	1ST. QTR.	2ND. QTR.	3RD. QTR.	4TH. QTR.	YR. AVG.
ALABAMA						
BIRMINGHAM						
SITE 003	70	.02		.04		
	71	.05	.03	.02		
	72	.03	.06	.05	.03	.043
	73	.04	.05	.07	.05	.057
	74	.03	.04	.04	.03	.035
GADSDEN						
SITE 001	70	.02	.03	.05	.02	.041
	71	.02	LD	.04	.04	.043
	72	.04	.03	.07	.02	.041
	73	.03	.05	.05	.05	.057
	74	.03	.03	LD	.04	.032
HUNTSVILLE						
SITE 001	70	.02	.02	.02	.02	.022
	71	LD	.04	.03	.03	.024
	72	LD	.03	.03	.03	.024
	73	.02	LD	LD		
	74		.02	.07		
MOBILE						
SITE 001	70	LD		.04	.04	
	71	.02	.02			
	72	.10	.05	.12	.04	.078
	73	.04	.05		.02	
	74		.07	.11	LD	
MONTGOMERY						
SITE 001	70	.04	.05	.03	.02	.044
	71	.02	.05	.05	LD	.033
	72	LD	.04	.04	.04	.031
	73	.02	LD		.05	
	74	.02	.05	LD	.02	.035
ALASKA						
ANCHORAGE						
SITE 003	70	.04	.13	.12	.20	.133
	71	.02	.13	.06	LD	.075
	72	.02	.13	.17	.06	.099
	73	.02	.04	.11	.10	.089
	74	.02		.12		
FAIRBANKS						
SITE 001	70	.02	.14	.16		
	71				.05	
	72	LD	.02	.13	.02	.105
	73			.04	.04	
	74			.03		
ARIZONA						
DOUGLAS						
SITE 001	71	.04	.16			
	72	.02	LD	LD	.01	
	73			.02	.05	
	74	.02	.04	.03		
MARICOPA CO						
SITE 001	70	.02	.04	.06	.04	.057
	71	.02	.03		.06	
PHOENIX						
SITE 002	70	.04		.10	.15	
	71	.04	.06	.11	.10	.086
	72	.02	.03	.11	.06	.068
	73	.06	.10	.12	.10	.096
	74	.10	.10	.08	.06	.077
TUCSON						
SITE 001	70	.06	.06	.02	.10	.069
	71	.06	.02	.04	.01	.032
	72	.04	.03	LD	.02	.033
	73	.04	.05	.04	.04	.044
	74	.04	.03	.05	LD	.029
ARKANSAS						
LITTLE ROCK						
SITE 001	70	.06	.07	.05	.06	.048
	71	.04		.04	.07	
	72				.06	
	73				.06	
	74	.05	.21			
LOCATION	YR.	1ST. QTR.	2ND. QTR.	3RD. QTR.	4TH. QTR.	YR. AVG.
TEXARKANA						
SITE 001	70	.03		.02	.01	
	71	.07	.02			
	72			.02		
	73		LD			
	74				.01	
WEST MEMPHIS						
SITE 001	70	.03	.04	.02	.03	.030
	71	.05	.02	.06	.04	.042
	72	.02	.02	.02		
	73		.03	LD	.02	
	74	.01	.03	LD	LD	
CALIFORNIA						
ANAHEIM						
SITE 001	70	.09	.11	.12	.10	.104
	71	.11	.10	.08	.07	.100
	72	.08	.08	.06	.11	.072
	73	.08	.07	.08		
	74	.05	.03	.06	.10	.059
BERKELEY						
SITE 001	70	.02	.03	.05		
	71			LD	LD	
	72	.05	.01	.02	.00	.021
	73	.04	.11	.05	.06	.071
	74	.05	.02	.04	.03	.035
BURBANK						
SITE 002	70	.07	.11	.13	.07	.101
	71	.11	.17	.13	.11	.138
	72	.06	.06	LD	LD	
	73	.06	.05	.03	.11	.120
	74	.07	.03	.04	.09	.058
FRESNO						
SITE 002	70	.07	.07	.15	.09	.094
	71	.03	.10			
	72	LD	.06	.02	.04	.039
	73	.10	.11	.12	.14	.118
	74	.06	.05	.17	.14	.103
GLENDALE						
SITE 001	70	.06	.06	.09	.06	.067
	71	.09	.06	.07	.10	.057
	72	.05	.04	.04	.05	.058
	73	.07	LD	.06	LD	
	74	.04	.02			
LONG BEACH						
SITE 001	70	.08	.05	.09	.07	.073
	71	.04	.05	.06	.04	.048
	72	.04	.04	.05	.04	.042
	73	.04	.07			
	74	.14	.07	.10	.10	.102
LOS ANGELES						
SITE 001	70	.09	.08	.11	.05	.087
	71	.04	.04	.03	.09	.051
	72	.13	.07	.12	.04	.099
	73	.07	.02	.12		
	74	.04	.05	.08	.10	.072
OAKLAND						
SITE 001	70	.09	.03	.05	.03	.037
	71	.01	LD	LD	LD	
	72	.01	.02	.02	.01	.015
	73	.01	.01	.02		
	74	.09	.07	.07	.05	.084
ONTARIO						
SITE 001	70	.04	.12	.21	.13	.135
	71	.13	.11	.20	.13	.167
	72	.10	.06	.06	.10	.081
	73	.06	.06			
	74	.05	.21			

POLLUTANT : 22161 - TITANIUM
METHOD : HI-VOL EMISSION SPECTRA (LOW TEMP ASH)
UNITS : UG/CU METER (25 C)
DATA TYPE : QUARTERLY COMPOSITE
PROJ. CLASSIFICATION : URBAN
ANALYTICAL QUALITY : 82(+-)29.86%

LOWER DISCRIMINATION LEVEL (LD)
70 - .004
71 - .004
72 - .003
73 - .005
74 - .006

LOCATION	YR.	1ST. QTR.	2ND. QTR.	3RD. QTR.	4TH. QTR.	YR. AVG.
CALIFORNIA						
PASADENA						
SITE 001	71	.09	.10	LD	LD	
PASADENA						
SITE 002	70	.09	.08	.14	.09	.085
	73		.09	.01	.00	
	73	.05	.04	LD		
	74	.07	.02	.08	.07	.050
RIVERSIDE						
SITE 001	70	.07	.17	.04	.05	.069
	71	.11			.06	
	72	.05	.01	.05		
SACRAMENTO						
SITE 001	70	.01	.06	.06	.05	.044
	71	.07	.04	.04	.03	.033
	72	.07	.04	.04	LD	.027
	73	.09	.04	.10	.07	.074
	74	.07	.04	.22	.09	.101
SAN BERNARDINO						
SITE 001	70	.05	.10	.19	.09	.108
	71	.04	.06	.26	.07	.105
	72	.11	.10	.14	.07	.093
	73	.09	.21	.19		
	74	.05	LD	.16	.07	.073
SAN DIEGO						
SITE 001	70	.05	.07	.04	.05	.062
	71	.07	.07	.01		
	72	.07	.05	.07	.07	.064
	73	.04	.05	.04	.05	.045
	74	.05	LD	.03	.05	.036
SAN FRANCISCO						
SITE 001	70	.05	.03	.02	.03	.034
	71	LD	LD	LD	LD	
	72	.07	.06	.02	.01	.029
	73	LD	.05	.04	.02	.028
	74	LD	LD	.07	.04	
SAN JOSE						
SITE 002	70	.04	.05			
SAN JOSE						
SITE 003	70			.07	.08	
	71	.04	.07	.07		
SAN JOSE						
SITE 004	72	.07	.07	.05		
	73		.04	.04	.03	
	74	.01	LD	.07	.03	.028
SANTA ANA						
SITE 001	70	.07	.07	.12	.02	.070
	71	.18	.05	.13	.08	.102
	72	.17	.05	.06	.02	.067
	73	.06	.04	.08	.08	.065
	74	.02	.02	LD	.05	.029
TORRANCE						
SITE 001	70	.04	.05	.04	.07	.060
	71	.07	LD	LD		
	72	.07	.07		.07	
	73	.08	.06	.08	.11	.071
	74	.05	.07	LD	LD	
COLORADO						
DENVER						
SITE 001	70	.08	.05	.06	.07	.066
	71	.13	LD	LD	.15	
	72	.03	.04		.13	
	73	.22				
CONNECTICUT						
BRIDGEPORT						
SITE 001	70	.04	.03	.03	.02	.030
	71	.05	.01	LD	.03	.023
	72	.07	.01	.04	.04	.030
	73	.07	.06	.06	.06	.063
	74	.06	.06	.06	.06	.060
HARTFORD						
SITE 001	70	.04	.04	.04	.02	.033
	71	.06	.02	LD	.02	.026
	72	.10		.04	.04	
	73	.10				
	74	.05	.03	LD	LD	
NEW HAVEN						
SITE 001	70	.05	.04	.03	.04	.039
	71	.02	LD	LD	LD	
	72	.06				
	74	.02	.03	.03	LD	.018
WATERBURY						
SITE 001	70	.06	.04	.04	.04	.057
	71	.19	.05	.04	.02	.065
	72	.09	.04	.04	.02	.046
	73	.08	.07	LD	LD	
	74	LD	.02	.05	LD	
DELAWARE						
NEWARK						
SITE 001	70	.04	.04	.07	.04	.057
	71	.04	.05	LD	LD	
	73	.04	.01	.02		
	73	.06	.02	.04	.01	.032
	74	.01		LD		
WILMINGTON						
SITE 003	70	.07	.07	.07		
	71	.14			.07	
	72	.08	.04	.04	.04	.060
	73	.07			.04	
	74	LD			LD	
DISTRICT OF COLUMBIA						
WASHINGTON						
SITE 001	70	.01	.02		.02	
	71	.01	.02	.10	.04	.045
	72	.07	.04		.02	
	74	LD				
FLORIDA						
JACKSONVILLE						
SITE 002	70	.01	.07	.01	.02	.019
	71	LD	.01	.02	LD	
	72	LD	LD	.02	LD	
	73	.02	LD	.01	.02	.013
	74			LD	LD	
MIAMI						
SITE 002	70	.01	LD	.01	LD	
	71	LD	LD	LD	LD	
	72	LD	.01	.02	.02	.016
	73	.01	.02	.02		
	74	LD	.01	LD	LD	
ST PETERSBURG						
SITE 002	70	.01	.01	.02	.01	.012
	71	LD	LD	LD	.04	
	72	.06	.04	.02	LD	.030
	73	.05		.01		
	74			LD	LD	
TAMPA						
SITE 002	70	.01	LD	.02	.01	.014
	71	LD		LD		
	72	.01	.01	.03	.02	.016
	73	.02			.02	
	74		LD	LD	LD	
GEORGIA						
ATLANTA						
SITE 001	70	.08	.05	.08	.07	.071
	71	.06	.07	.06	.08	.067
	72	.07	.06	.08	.07	.067
	73	.06	.06	.06	.07	.055
	74	.08	LD	.07	LD	

POLLUTANT : 17161 - TITANIUM
METHOD : HI-VOL EMISSION SPECTRA (LOW TEMP ASH)
UNITS : UG/CU METER (25 C)
DATA TYPE : QUARTERLY COMPOSITE
PROJ. CLASSIFICATION : URBAN
ANALYTICAL QUALITY : 8PI+-12%,86?

LOWER DISCRIMINATION LEVEL (LD)

70 -	.004
71 -	.004
72 -	.003
73 -	.005
74 -	.006

LOCATION	YR.	1ST. QTR.	2ND. QTR.	3RD. QTR.	4TH. QTR.	YR. AVG.
GEORGIA						
COLUMBUS						
SITE 001	70	.08	.08	.08	.07	.037
	71	.05	.04	LD	LD	
	72	.07	.08	.05	.01	.036
	73	.07	.07	.02	.04	.028
	74		.07	LD	.01	
SAVANNAH						
SITE 001	70	.05	.08	.07	.08	.070
	71	LD	LD	LD	LD	
	72		.07		.03	
	73	.08	.12	.05		
HAWAII						
HONOLULU						
SITE 001	70	.05	.05	.05	.06	.055
	71	.08	.07	.07	.08	.077
	72		.04	.05	.01	
	73	.05	.05	.05	.02	.063
	74	.07	.08	.02	.03	.070
IDAHO						
BOISE CITY						
SITE 001	70	.08	.05	.07	.05	.068
	71	.08	.05	.11	.05	.072
	72	.06	.07	.07	LD	.069
	73	.07	.09	.14	.06	.085
	74	.05	.05			
ILLINOIS						
CHICAGO						
SITE 001	70	LD	LD	LD	LD	
	71	.07	.07	.03	.07	.046
	72	.06	.09	.03	.03	.043
	73			.04		
	74				LD	
EAST ST LOUIS						
SITE 001	70	.07				
	71	LD	.03	LD	.02	
	72	LD	.09	.02	.02	.015
	73	.05		.05		
	74			.06		
EAST ST LOUIS						
SITE 004	70			.03		
JOLIET						
SITE 001	70	.07	.05	.03		
	71	.06	.07	LD		
	72	LD	LD	LD	.02	
	73	.01	.06	.02		
MOLINE						
SITE 001	72		.03	.03	.02	
	73	.02	.06	.02		
	74	LD	.01	.03	LD	
NORTH CHICAGO						
SITE 002	70	.07	.11	.02	.06	.059
	71	LD	.02	LD	LD	
	72	.07	.00	.07	.03	.033
	73	.02	LD	.02		
	74	.09				
PEORIA						
SITE 001	70	.09	.10	.13	.12	.109
	71	LD	LD	.06	.05	
	72	.08	.05	.06	.02	.049
	73	.06	LD	.02		
ROCKFORD						
SITE 001	70	.02	.01			
	71	LD		LD		
	72	.01	.01	LD		
	73		.01			
	74				LD	
ROCK ISLAND						
SITE 001	70	.04	.06	.01	.06	.036
	71	.09	LD	.02	.04	.023
	72	LD	.03	.02		
	73		LD	.06		
	74		.02	.01	.06	
SPRINGFIELD						
SITE 001	70	.03	.05	.03	.07	.036
	71	.04	.05	LD	LD	
	72	.04	.01	.02	LD	.022
	73	.05	.07	.02		
	74	LD	LD	.03	.07	
INDIANA						
EAST CHICAGO						
SITE 001	70	.08	.12	.04	.12	.102
	71	LD	.03	.05	.02	.035
	74	LD	.03	LD	.06	
EVANSVILLE						
SITE 001	70	.04	.06	.02	.08	.044
	71	LD	.08	LD	LD	
	72	.04	.05	LD	.04	.031
	73	.07	.03	.02		
	74		.08	.04	.03	
FORT WAYNE						
SITE 001	70	.03	.03	.02	.04	.027
FORT WAYNE						
SITE 002	71	LD	LD	.03	.03	
	72	LD	.03	.04	.05	.030
	73	.05	.05	.02		
GARY						
SITE 001	70	.08	.06	.11	.06	.081
	71	.08	.06		.12	
	72	.08	.01	.05	.06	.068
	73	.07	.06	.05		
	74	.04	.03	.07	.03	.037
HAMMOND						
SITE 001	70	.09	.08	.06	.06	.061
	71	LD	.03	.04	.01	.030
HAMMOND						
SITE 002	72	.05	.11	.12	.06	.083
	73	.05	.05	.03		
	74	.03	.02	.03	.04	.031
INDIANAPOLIS						
SITE 001	70	.03	.04	.05	.07	.049
	71	LD	LD	LD	.01	
	72	.10	.02	.04		
	74		LD	.06		
MUNCIE						
SITE 001	70	.03	.03			
	71			LD	.02	
	72	.04				
NEW ALBANY						
SITE 002	70	.02	.04	.02	.03	.042
	71	.07				
	72		.03	.05	LD	
	73	LD	LD			
	74	.03				
SOUTH BEND						
SITE 002	70	.03	.01	.04	.04	.029
	71	.08	LD	.05		
	72		.05	LD	LD	
	73	LD	.03	LD		
	74	.03	LD	.04	LD	
TERRE HAUTE						
SITE 001	70	.06	.05	.04	.07	.045
	71	.06		.05		
	72	.07	LD	LD	.01	
	73	.01	.01			
	74		.02	.03	.04	

POLLUTANT : 17181 - TITANIUM
METHOD : HI-VOL EMISSION SPECTRA (LOW TEMP ASH)
UNITS : UG/CU METER (25,C)
DATA TYPE : QUARTERLY COMPOSITE
PROJ. CLASSIFICATION : URBAN
ANALYTICAL QUALITY = 92(+-)29.6%

LOWER DISCRIMINATION LEVEL (LDL)

70 -	.004
71 -	.004
72 -	.003
73 -	.005
74 -	.006

LOCATION	YR.	1ST. QTR.	2ND. QTR.	3RD. QTR.	4TH. QTR.	YR. AVG.
IOWA						
CEDAR RAPIDS						
SITE 001	70	.04	.05	.02	.04	.036
	71	.05	LD	LD		
	72	.01	.04	.02	.04	.026
	73	.07	.05	.04	.04	.038
	74	.05	LD	.05	LD	
DAVENPORT						
SITE 001	70	.05	.03	.04	.05	.050
	71	LD		.05	.05	
	72	.01	.04	.02	.01	.026
	73	.07	.01	.01	.04	.028
	74	LD	.04	.07	.02	.033
DES MOINES						
SITE 001	70	.02	.03	.04	.04	.034
	71	LD	.04	LD	.03	
	72	.05	.03	.03	.01	.040
	73	.05	.08	.06	.05	.059
	74	.02	.07	.04	.04	.042
DUBUQUE						
SITE 001	70	.07	.04			
DUBUQUE						
SITE 002	71		LD			
	72	.04	.01	LD	.05	.023
	73	.04	.04	.04	.07	.045
	74	.04	.04	.06	.04	.055
DUBUQUE						
SITE 008	74	.04	.02	.04	.01	.029
WATERLOO						
SITE 003	71		LD	LD	LD	
WATERLOO						
SITE 004	72	.04	LD			
	73		.03	.04	.02	
	74	.02	.01	.01	.04	.019
KANSAS						
KANSAS CITY						
SITE 002	70	.05	.03	.04	.05	.041
	71	.07	.07	.05	LD	.047
	72	.04	.01	LD	.04	.022
	73	.02	LD	.04	.03	.022
	74	.03	.03	.03	.04	.033
KANSAS CITY						
SITE 012	74		.03	.02	.03	
TOPEKA						
SITE 001	70	.02	.03	.02	.02	.027
	71	LD	LD	LD	.02	
	72	.01	.02	.05	LD	.021
	73		.01	LD	.01	
	74	.04	.01	.02	.02	.022
WICHITA						
SITE 001	70	.02	.03	.04	.03	.029
	71	LD	.04	.03	LD	
	72	.02	.01	LD		
	73	LD	.04	.03	.04	.028
	74	.01	LD	.04	LD	
KENTUCKY						
ASHLAND						
SITE 002	70	.04	.04	.06	.05	.047
	71	.05	.13	.14		
	72	LD	.07	.04	.04	.028
	73	.04	.04		.05	
	74	.04	.06	.02	.05	.043
BOWLING GREEN						
SITE 001	70	.07	.02	.02	.02	.024
	71	LD	LD	LD	.02	

LOCATION	YR.	1ST. QTR.	2ND. QTR.	3RD. QTR.	4TH. QTR.	YR. AVG.
	72	.06	.02	.05	.05	.044
	73	.04	.03		.04	
	74	.01	.01	.02	.03	.019
COVINGTON						
SITE 001	70	.04	.05	.05	.04	.048
	71	.07	LD	LD	.02	
	72	.05	.05	.03	.03	.042
	73	.03	.05			
	74	.01	LD	.05	.03	.027
LEXINGTON						
SITE 001	70	.05	.03	.03	.04	.037
	71	.05	.01	LD	LD	
	72	LD	LD	.02	.04	
	73	.09	.05			
	74				.03	
LOUISVILLE						
SITE 002	72	.01	.03			
	73			.02	LD	
	74		.02	.04	.04	
LOUISVILLE						
SITE 003	70		.02	.03	.04	
	71	.04	.02	.04	.05	.038
LOUISIANA						
BATON ROUGE						
SITE 001	70	.02	.01	.02	.02	.018
	71	.04	LD	LD	LD	
	72	LD	.02	.03	LD	
	73	.03	.01	.05		
	74	.02	.02	.05	.05	.050
NEW ORLEANS						
SITE 002	70	.01	.01	.02	.01	.013
	71	LD	LD	LD	LD	
	72	.02	LD	.04	.02	.021
	73	.02	.02	.03		
	74	.03	.03		.05	
SHREVEPORT						
SITE 001	70	LD	.01	.02	.02	.017
	71	LD	LD	LD	.02	
	72	LD	LD	.05	.02	
	73		LD	LD	LD	
	74	LD	LD	LD	.02	
MAINE						
PORTLAND						
SITE 002	70	.02	.05	.02	.02	.032
	71	.05	.04	.06	.03	.045
	72	.07	.06			
	73		.02			
	74	.04	.04	.02		
MARYLAND						
BALTIMORE						
SITE 004	70	.06	.08	.10	.04	.072
	71	.04	.05		.02	
	72	.08	.07	.10	.05	.090
	73	.04	.01	LD	.01	.016
	74	.05	.02	.04	.05	.057
MASSACHUSETTS						
BOSTON						
SITE 001	70	.05		.04	.02	
	71		LD			
	72	LD	.01	.06		
	73				LD	
	74		.02	LD		
CAMBRIDGE						
SITE 001	70		.02		.02	
	71	.02	.02	.05	.04	.028
	73		.04			
	74		LD	LD	LD	

POLLUTANT : 17161 - TITANIUM
METHOD : HI-VOL EMISSION SPECTRA (LOW TEMP ASH)
UNITS : UG/CU METER (25 C)
DATA TYPE : QUARTERLY COMPOSITE
PROJ. CLASSIFICATION : URBAN
ANALYTICAL QUALITY : A2(+-)99.9%

LOCATION	YR.	1ST. QTR.	2ND. QTR.	3RD. QTR.	4TH. QTR.	YR. AVG.
*MASSACHUSETTS						
FALL RIVER						
STE 002	70	.08	.05	.02	.02	.033
	71	.08	.09	.07	.06	.066
	72			LD	LD	
	73		LD	.04		
NEW BEDFORD						
STE 001	70		.03			
	72		LD			
	73			LD	LD	
	74		.01	.04		
SPRINGFIELD						
STE 002	70	.05	.03	.03	.02	.038
	71	.08	.04			
	72		.03	.04	.02	
	73	.08	.02			
	74		.04	.03		
WORCHESTER						
STE 001	70	.10	.12	.08	.08	.080
	71	.10	.16	.07	.12	.138
	72	.11	.05	.06	.03	.070
	73	.10	LD		LD	
	74		.03			
*MICHIGAN						
DEARBORN						
STE 001	70	.07	.04	.08		
	71		.08	.05		
	73	.07	.03	.09		
	74	LD	.04	LD	.07	
DETROIT						
STE 001	70	.07	.11	.07	.07	.072
	71	.07	.05	LD	.05	.036
	74			.04	.08	
FLINT						
STE 001	70	.02	.08	.04	.05	.037
	71	.05	LD	.08	.03	.034
	72	.08	.06	.03		
	73	.07	.07	.07		
	74				.03	
GRAND RAPIDS						
STE 001	70	.07	.01	.04	.05	.035
	71	.07	.07	.04	.04	.046
	73	.07	.05	.08	.09	.048
	77	.09	LD	.05		
LANSING						
STE 001	70	.05	.05	.04	.04	.045
	71	LD	.02	.04	.03	.034
	72		.05	.05	.04	
	73	.05	.04	.03		
	74	.01	LD	.06		
SAGINAW						
STE 001	70	.05	.03	.03	.04	.037
	71	.07	.08	LD	LD	
	73	.09	LD	.08		
	77	.07	.07	.02	LD	.017
	78	.08	.07	.03	.03	.029
TRENTON						
STE 001	70	.07	.06	.04	.04	.050
	71	LD	LD	LD	LD	
	72	.01	.01	.03	LD	.017
	73	.09	LD	.06		
	74		.01	.03		
*MINNESOTA						
DULUTH						
STE 001	70	.09	.07	.07	.07	.074
	71	.08	.07	.09	.05	.061
	72	LD	.08	.08	.09	.062

LOWER DISCRIMINATION LEVEL (LD)
70 - .004
71 - .004
72 - .003
73 - .005
74 - .006

LOCATION	YR.	1ST. QTR.	2ND. QTR.	3RD. QTR.	4TH. QTR.	YR. AVG.
	73	.07	LD	.03		
	74	.07	.05	.04	.03	.037
MINNEAPOLIS						
STE 001	70	.04	.03	.02	.06	.040
	71	.04	.04	.02	LD	.026
	72	.10		.04	.03	
	73	.04		LD		
	74			.02		
MOORHEAD						
STE 001	70	.03	.04	.03	.04	.038
	71	LD	LD	LD		
	72	.07		.05		
	73	.04				
ST PAUL						
STE 001	70	.06	.05	.04	.06	.052
	71	.07	LD	LD		
	72	.06	.13	.05	.05	.077
	73	.03	.04	.05		
	74	.07	.04	LD	.06	.033
*MISSISSIPPI						
JACKSON						
STE 002	70	.01	.03	.01		
	71	LD	LD			
	73	.05	.03	.03	.03	.034
	74	.07	.06	.04	.05	.041
*MISSOURI						
KANSAS CITY						
STE 002	70	.03	.02	.07	LD	.029
	71	LD	.05			
	73	.06	.06	.02	.01	.037
	74	.07	LD	.04		
ST LOUIS						
STE 001	70	.26	LD		.15	
	71	.11	.13	.04	.18	.114
	72	.07	.05	.08	.04	.047
	73				.05	
	74	.06	.10	.12	.07	.087
*MONTANA						
HELENA						
STE 001	70	.07	.01	.03		
	71	.07	.06	.02	LD	.029
	72		.02			
*NEBRASKA						
LINCOLN						
STE 002	70	.03	.02	.02	.02	.027
	71	LD	LD	LD	LD	
	73	.05	.03	.03	.03	.036
	74	.09	.02	.02	.02	.028
OMAHA						
STE 001	70	.05	.04	.06	.04	.046
	71	LD	.01	LD	.08	
	73	.07	.06	.03	.03	.030
	74	LD	.01	.04	LD	
*NEVADA						
LAS VEGAS						
STE 001	70	.05	LD	.05		
	71	LD	LD	.07		
	72	LD				
	74		LD		.05	
RENO						
STE 001	70	.11	LD	.14		
	71	.14		.13		
	73	.09	.02	LD	.10	.052
	77	.10	.05	.04	.12	.092
	74	LD	.06	.08	.05	.048

POLLUTANT : 12161 - TITANIUM
METHOD : HI-VOL EMISSION SPECTRA (LOW TEMP ASH)
UNITS : UG/CU METER (25 C)
DATA TYPE : QUARTERLY COMPOSITE
PROJ. CLASSIFICATION : URBAN
ANALYTICAL QUALITY : 8204-179,463

LOWER DISCRIMINATION LEVEL (LD)
70 - .004
71 - .004
72 - .003
73 - .005
74 - .006

LOCATION	YR.	1ST. QTR.	2ND. QTR.	3RD. QTR.	4TH. QTR.	YR. AVG.
NEW HAMPSHIRE						
CONCORD						
SITE 001	70	.07	.03	.02	.02	.020
	71	.02	LD	.01	LD	
	72	.05	.04	.06	.05	.053
	73	.07			.02	
	74	.07	.05	.05		
NEW JERSEY						
BAYONNE						
SITE 001	70	.07	.08	LD		
	72		.05	.07	.07	
	74		.06	.10	.05	
BURLINGTON CO						
SITE 002	70	.04	.04	.03	.04	.039
	71	.05	.05	.04	.03	.045
CAMDEN						
SITE 001	70	.05	.05	.05	.05	.053
	71	.07	.10			
	72		.04	.07		
	73			.06	.07	
	74	.05	.03			
CAMDEN CO						
SITE 002	72		.05	.04		
ELIZABETH						
SITE 002	70	.07	.05	.04	.04	.050
	71	.05	.04	.05	.03	.046
	72	.04	.02	LD		
	73			.04	.04	
	74	.04	.06	.07	.03	.052
GLASSBORO						
SITE 001	70	.04	.02	.03	.03	.032
	71	.02	.02	LD		
	72	.02	.04	.04	LD	.019
	73			.04		
	74	.05	.03	.02	.04	.038
HAMILTON						
SITE 001	70		.05	.06	LD	
	71	.02	.04			
JERSEY CITY						
SITE 001	70	.05	.05	.07	.06	.055
	71	LD	LD	.11	.06	
	72	.07	.02	.07	.07	.045
	73		.03	.05		
	74		.04		.07	
NEWARK						
SITE 001	70	.04	.06	.05	.07	.058
	71	LD	LD	LD		
	72	.04	.03	.02	.01	.026
	73			.05	.02	
	74	.04	.01	.07	.04	.050
PATERSON						
SITE 001	70	.02	.07	.04	.04	.055
	71	LD	.02			
	72				.02	
	73			.02	LD	
	74	.01	.04		.07	
PERTH AMBOY						
SITE 001	70	.25	.23	.19	.16	.205
	71		.20	.49	.41	
	72		.48	.27	.15	
	73			.15		
TRENTON						
SITE 001	70	.06	.03	.05	.06	.050
	71		.05	.06		
	72	.10	.09	.10	.08	.081
	73			LD	.07	
	74	.08	.07	.07	.08	.060

LOCATION	YR.	1ST. QTR.	2ND. QTR.	3RD. QTR.	4TH. QTR.	YR. AVG.
NEW MEXICO						
ALBUQUERQUE						
SITE 001	70	.04	.08	.06	.07	.063
	71	.07	.05	LD	LD	
	72	.04	.05	.08	.04	.051
	73	.09	.06	.05		
	74	.04	.03	.03	.05	.038
NEW YORK						
ALBANY						
SITE 001	70	.04	.07	.08		
	71	.07	.03	.02		
	72	LD	.07	.04	.07	.021
	73		.03		LD	
	74	.07	.05	.04	.04	.037
BUFFALO						
SITE 001	70	.05	.06	.06	.04	.051
	71	.03	LD	.04	LD	
	72	LD	LD	.01	.01	
	73		.07	.10	.03	
	74	.06	.07	.06	.05	.061
NEW YORK CITY						
SITE 001	70	.07	.07	.05	.04	.049
	71	.06	.02		.07	
	72	.05	.04	.05	.03	.052
	73		.04	.05	.07	
	74	LD	.04	.05	.02	.037
NIAGARA FALLS						
SITE 001	70	.11	.09	.10	.05	.097
	71	.08	.06	.10	.05	.071
	72	.01	.05	.06	.07	.049
	73			.11	.06	
	74	.05	LD	.04	.03	.031
ROCHESTER						
SITE 001	70	.08	.07	.05	.04	.060
	71	LD	.08	LD	LD	
	72	.05	.05	.07	LD	.037
	73		.02	.02	.06	
	74	LD	LD	.02	.03	
SYRACUSE						
SITE 001	70	.04	.04	.02	.02	.031
	71	LD	LD	LD	.05	
	72	.02	.04	.05	.03	.037
	73		.01	.01	LD	
	74	LD	LD	LD	LD	
UTICA						
SITE 001	70	.04	.03	.05	.04	.040
	71	LD	.01	LD	LD	
	72	LD	.03	.04	.03	.024
	73				.01	
	74		LD		LD	
YONKERS						
SITE 001	70	.04	.07	.04	.02	.044
	71	.03		.04	.05	
	72	.01	.02	.04		
	73			.03	.02	
NORTH CAROLINA						
CHARLOTTE						
SITE 001	70	.10	.04	.04	.07	.071
	71	.04	.04			
	72	LD	.01	.07	.03	.019
	73	.01	LD	.01	.07	.016
	74	.04	.04	.06	.05	.050
DURHAM						
SITE 001	70	.06	.05	.06	.08	.067
	71		.04	.05	LD	
	72	.04	.05	.01	.02	.029
	73	.07	.05	.05	.05	.056
	74	.05	.04	.04	.02	.037

POLLUTANT : 12161 - TITANIUM
METHOD : HI-VOL EMISSION SPECTRA (FLOW TEMP ASH)
UNITS : UG/CU METER (25 C)
DATA TYPE : QUARTERLY COMPOSITE
PROJ. CLASSIFICATION : URBAN
ANALYTICAL QUALITY : 42(+-)29.86%

LOWER DISCRIMINATION LEVEL (LD)
70 - .004
71 - .004
72 - .003
73 - .005
74 - .006

LOCATION	YR.	1ST. QTR.	2ND. QTR.	3RD. QTR.	4TH. QTR.	YR. AVG.
NORTH CAROLINA						
GREENSBORO						
SITE 001	70	.17	.13	.07	.08	.099
	71	LD	.09			
	72	.08	.09	.08	.10	.089
	73	.08	.06	.04	.05	.063
	74	.11	.05	.06	.06	.077
WINSTON-SALEM						
SITE 002	70	.08	.16	.05	.09	.084
	71	.08	.14	.17	.15	.188
	72	.08	.06	.08		
	73		.11	.10	.17	
	74	.08	.06	.09	.11	.084
NORTH DAKOTA						
BISMARCK						
SITE 001	70	.07	.08	.04	.05	.062
	71	LD	LD	LD	LD	
	72	.05	.05	.02	LD	.030
	73	.07	.06	.03	.01	.044
OHIO						
AKRON						
SITE 001	70	.05	LD	.06	.06	.041
	71	.07	.05	.06	.08	.064
	72	.06	LD	LD		
	73	.08	.08	.10		
	74		.07	.06		
CANTON						
SITE 001	70	.05	.05	.05	.07	.052
	71	.08	.07	LD	.07	.034
	72	LD		.07	.01	
	73	.07	.07	.07		
	74		.03	.05	.08	
CINCINNATI						
SITE 001	70	.05	.06	.03	.05	.050
	71	.08	.09	.06	LD	.055
	72	.07	.07	.06	.07	.052
	74		.03		.07	
CLEVELAND						
SITE 001	70	.09	.07	.09	.05	.074
	71	.07	.06			
	72	.09	.06		.05	
	74				.09	
COLUMBUS						
SITE 001	70	.08	.05	.03	.06	.041
	71	LD	LD	LD	LD	
	72	.07	.08	.03	.05	.039
	73	.09				
	74				.06	
DAYTON						
SITE 001	70	.01	.09	.06	.07	.057
	71	.07	LD	LD	.07	
	72	.09	.09	.06	.06	.057
	73	.08	.07	.07		
	74	.07			.09	
LORAIN						
SITE 002	71	.07	.02	LD	LD	
	72	.06	.09	.04	.06	.055
	73	.02	.02	.00		
	74		.02			
PORTSMOUTH						
SITE 002	71	.07	LD	.02	.07	.070
	72	LD	.08	.01	LD	
	73	LD	.07	.04		
	74		LD			
STEUBENVILLE						
SITE 001	71	.11	.10	.12	.09	.153
	72	.09				
	73	.09	.08	.11		
	74			.90		

LOCATION	YR.	1ST. QTR.	2ND. QTR.	3RD. QTR.	4TH. QTR.	YR. AVG.
TOLEDO						
SITE 001	70	.07	.08	.04		
	71	LD	LD	.01	LD	
	72	LD	.08	.02	.04	.023
	74		LD	.02	.17	
YOUNGSTOWN						
SITE 001	70	.05	.08	.08	.13	.075
	71	.03	.06	.02	.02	.035
	72	.05	.04	.07	.08	.069
	73			.04		
	74	LD	.06		.05	
OKLAHOMA						
OKLAHOMA CITY						
SITE 001	70	.02	.01	.02	.03	.018
	71	LD	LD			
OKLAHOMA CITY						
SITE 019	72	LD	LD	.01	.02	
	73	.02	.02			
	74	.06	.02	.04	LD	.031
OKLAHOMA CITY						
SITE 029	72	.01	.03	.02		
	74	.03	.02	.04	.06	.035
TULSA						
SITE 001	70	.01	.02	.01	.01	.014
	71	LD	LD	LD	LD	
	72	.06	.07	.05		
	73	LD	.05	.03	.01	.028
	74	.09	.06	.02	.03	.028
OREGON						
EUGENE						
SITE 001	70	.07	.05	LD		
MEDFORD						
SITE 001	70	.06	.06	.08		
	71	.11	.07			
PORTLAND						
SITE 001	70	.24	.12	.12	.06	.134
	71	.17		.12	.09	
	72	.06	.12	.12	.14	.110
	73			.04		
	74	.04	.09			
PENNSYLVANIA						
ALLENTOWN						
SITE 001	70	.05	.03	.05	.06	.049
	71	LD	LD	LD	LD	
	72	.01	.01	LD	.02	.011
	73	LD	.04	.02	.05	.027
	74	.04	.03	.01	LD	.021
ALTOONA						
SITE 001	70	.10	.08	.06	.08	.080
	71	LD	.01	.04	.07	.031
	72	.01	LD	.02	.03	.016
	73	.05	.05	.07	.07	.050
	74		LD	.03	.05	
BETHLEHEM						
SITE 002	70	.03	.05	.06	.05	.046
	71	.03	.05	.02	LD	.026
	72	.04	LD	.01	.04	.035
	73	.04	.05	.06	.06	.048
	74	.03	.02	.02		
CLEARFIELD CO						
SITE 001	72	.04	.05	.03		
FOYE						
SITE 002	70	.04	.11	.05	.07	.078
	71	.02	.02	.03	LD	.019
	72	.04	.05	.10	.07	.077
	73	.07	.07	.08	.13	.088
	74		.06	.08	.06	

POLLUTANT : 12161 - TITANIUM
METHOD : HI-VOL EMISSION SPECTRA (LOW TEMP ASH)
UNITS : UG/CU METER (25 C)
DATA TYPE : QUARTERLY COMPOSITE
PROJ. CLASSIFICATION : URBAN
ANALYTICAL QUALITY : 87(+-)29.863

LOWER DISCRIMINATION LEVEL (LD)
70 - .004
71 - .004
72 - .003
73 - .005
74 - .006

LOCATION	YR.	1ST. QTR.	2ND. QTR.	3RD. QTR.	4TH. QTR.	YR. AVG.
PENNSYLVANIA						
HARRISBURG						
SITE 001	70	.03	.03	.03	.05	.032
	71	.03	.05	.03	.02	.033
	72	.04	.03	.03	.05	.036
	73	.03	.04		.05	
	74		.05			
HAZLETON						
SITE 001	70	.04	LD	LD	.03	
	71	LD	.04	.03	.03	.026
	72	.04	.03	.04	.01	.028
	73	.04	LD	.04	.05	.037
	74	.04	.04	.05	.05	.046
JOHNSTOWN						
SITE 001	70	.05	.10	.04	.05	.062
	71	.04	.06			
LANCASTER CITY						
SITE 001	70	.05	LD			
	71			.08	.06	
LANCASTER CITY						
SITE 002	70			LD		
	73		.00	.04	.01	
	74	LD	.06	.07		
PHILADELPHIA						
SITE 001	70	.05	.07	.10	.07	.072
	71	LD	LD	LD	LD	
PHILADELPHIA						
SITE 004	72	.09	.06	.06	.03	.058
	73	.01				
	74	.03	.04	.07	.04	.044
PITTSBURGH						
SITE 001	70	.10	.09	.08	.07	.088
	71	.10	.12		.17	
	74	.03	.06	.04	.05	.044
READING						
SITE 001	70	.10	.06	.07	.05	.066
	71	LD	.07	.05		
	72	.04	.04	.05	.03	.040
	73	.03	.01	.03		
SCRANTON						
SITE 001	70	.03	.04	.03	.06	.050
	71	.04	.04	LD	.06	.035
	72	.04	.07	.09	.04	.070
	73	.03	LD	LD	.04	
	74	.03	.04	.05	.05	.042
WARMINSTER						
SITE 001	70	.04	.03	.03	.04	.042
	71	LD	LD			
	74		.07	LD		
WEST CHESTER						
SITE 001	70	.04	LD	LD		
	71	.03				
	72	.03	.05	.07		
WILKES-BARRE						
SITE 001	70	.05	.03	.05	.07	.043
	71	LD	LD	.12	.09	
	72	.03	.04	.03	.04	.047
	73	.04	LD	.05	.05	.040
	74	.03	.01	LD	LD	
YORK						
SITE 001	70	.05	.04	.04	.05	.042
	71	.05	.07	LD	.01	.026
	72	.03	.04	.07	.07	.078
	73	.05	.05	.09	.06	.062
	74	LD				
PUERTO RICO						
BAYAMON						
SITE 002	70	.05	.11	.11	.12	.096
	72	.06	.03	.06	.06	.052
	73			.02		
	74	.02	.06	.05		
CATANO						
SITE 002	70	.07	.08	.09	.12	.093
	72	.02	LD	.01	.07	.026
	73		LD	.01	.03	
	74		.01	.05		
GUAYANILLA						
SITE 002	70	.03	.04	.03	.02	.029
	72	LD	.01	.03	.02	.017
	73		LD	.01	.02	
	74	.01	.02			
PONCE						
SITE 002	70	.06	.06	.08	.03	.051
	72	.05	LD	.05	.01	.028
	73		.04	.04	.06	
	74	.04	.06		.05	
SAN JUAN						
SITE 001	70	.03	.05	.06	.05	.046
	72	.07	.06	.06	.07	.066
	73		.05	.03	LD	
	74	.10	.06	.10		
RHODE ISLAND						
EAST PROVIDENCE						
SITE 001	70	.04	.02	.03	.01	.025
	71	LD	LD	.03	.03	
	72	.05	LD	.05	.03	.033
	73	.04	.02	LD	.01	.017
	74			LD		
PROVIDENCE						
SITE 001	70	.05	.07	.04	.04	.049
	71	LD	.05	.07	.04	.041
	72	.07	.12	LD	LD	
	73	.05	.01		LD	
	74	LD		.07	.02	
SOUTH CAROLINA						
COLUMBIA						
SITE 001	70	.04	.03	.03		
	71	.03				
	72	.05	.07	.04	.06	.054
	73	.06	.06	.03	.07	.041
	74		.02	.04	LD	
GREENVILLE						
SITE 001	70	.04	.06	.06	.05	.063
	71	.11	.04	LD	LD	
	72	.07	.05	.04	.10	.067
	73	.12	.05	.04	.02	.067
	74	.07	.05	.03	.07	.045
SOUTH DAKOTA						
SIOUX FALLS						
SITE 001	70	.07	LD	.07	.02	.019
	71	LD	LD	LD	LD	
	72	.01	.02	.05		
	73	LD	.01	LD		
TENNESSEE						
CHATTANOOGA						
SITE 001	70	.05	.04	.04	.05	.046
	71	.07	.13	.07		
	72	.05	.04	.03	.02	.037
	73	.07	.02			
	74			.02		
KNOXVILLE						
SITE 001	70	.04	LD	.02		

POLLUTANT : 12161 = TITANIUM
METHOD : HI-VOL - EMISSION SPECTRA (LOW TEMP ASH)
UNITS : UG/CU METER (25 C)
DATA TYPE : QUARTERLY COMPOSITE
PROJ. CLASSIFICATION = URBAN
ANALYTICAL QUALITY : 87(+-)29.9%

LOWER DISCRIMINATION LEVEL (LD)
70 - .004
71 - .004
72 - .003
73 - .005
74 - .006

LOCATION	YR.	1ST. QTR.	2ND. QTR.	3RD. QTR.	4TH. QTR.	YR. AVG.
TENNESSEE						
KNOXVILLE						
SITE 002	71	LD	LD	.02	.03	
	72	.00	LD	.03	.00	.027
	74		.01	.03	.01	
MEMPHIS						
SITE 001	70	.00	.07	.03	.01	.029
	71	.00	LD	.07	.00	.046
	72	.07	.02	.03	.05	.042
	73	.05	.07	.06	.03	.053
	74	.03	.03	.06	.05	.040
NASHVILLE						
SITE 001	70	.05	.03	.02	.02	.035
	71	LD	.07			
	72	.07	LD		.07	
	73	.05	.02	.03	.02	.032
	74	.01	LD	LD		
TEXAS						
AMARILLO						
SITE 002	71	LD				
	74		LD			
AUSTIN						
SITE 002	70			LD	.03	
	71	.02	.10	.07	.04	.056
	74	LD	LD			
BEAUMONT						
SITE 001	70			.02	.01	
	71	LD	LD			
	74		.03			
CORPUS CHRISTI						
SITE 001	70			.02	.02	
	71	LD		LD		
	74		.02	.06		
DALLAS						
SITE 002	70	.07	.02	.04	.05	.032
	71	LD	LD	LD	LD	
	72	.02	.05	.04	.02	.027
	73	LD	LD		.01	
	74	.01	.07	.06	LD	.028
EL PASO						
SITE 002	70	.08	.00	.05	.12	.073
	71	.05	.11	.02		
	72	.07	.02	.04	.05	.040
	73	.03	LD	LD	LD	
	74	LD	.02	.04	LD	
FORT WORTH						
SITE 001	70	.01	.01	.02	.01	.013
	71	.07	LD	LD	LD	
	72	.02	.03	.02	.03	.023
	73	LD	LD	.04	.07	
	74	.01	LD	LD	.05	
HOUSTON						
SITE 001	70	.01	.02	.02	.01	.018
	71	LD	LD	LD	LD	
	72	LD	LD	LD	.00	
	73	.07	.02	.04	.01	.025
	74	.02	.06	.04	.00	.040
LUBBOCK						
SITE 001	70			.03	.03	
	71	LD	LD	LD		
	74		.01			
PASADENA						
SITE 002	70	.01	.03	.02	.01	.015
	71	.07	.03	LD	.02	.020
	72	LD	LD	.01	LD	
	73	.01	.07	.03	.04	.026
	74	.02	.03			
SAN ANTONIO						
SITE 004	70	.01	.01	.01	.01	.017
	71	LD	LD	.01	.02	
	72	LD	.02	.07	.07	.021
	73	.05		.07	.01	
	74	.03	.06	LD	.07	.035
WICHITA FALLS						
SITE 001	70				.01	
	71	LD	LD	LD		
WICHITA FALLS						
SITE 002	74	LD		LD		
UTAH						
OGDEN						
SITE 001	70	.03	.07	.08	.03	.038
	71	LD	LD	LD	LD	
	72	.08	.06	.01	.02	.040
	73	LD	LD	.02	.01	
SALT LAKE CITY						
SITE 001	70	.05	.03	.08	.02	.037
	71	LD	LD		.02	
	72	.04	.05	.07	.07	.056
VERMONT						
BURLINGTON						
SITE 001	70	.03	.08	.07	.02	.029
	71	.06	LD	LD		
	72	.04				
	74	.08	.05	.03	.07	.048
VIRGINIA						
DANVILLE						
SITE 001	70	.07	.07	.07	.06	.069
	71	.06	.06	LD		
	72	.03	.02	.01	LD	.015
	73	.04				
	74	.06	.01			
FAIRFAX CO						
SITE 001	71	.05	LD	.07	LD	
	72	.01	.04	.06	LD	.028
	73	LD	.01	.03		
HAMPTON						
SITE 004	70	.04	.05	.02	.08	.037
	71	.04	.06	.05	.08	.048
	72	.03	.03	.02	.01	.019
	73	.03	LD	.05	.04	.031
	74	.03	LD	.03	.07	.025
LYNCHBURG						
SITE 001	70	.09	.06	.06	.07	.069
	71	.10	.10	.05	.02	.069
	72	.07	.06	.07	.08	.058
	73	.07	.08			
	74			.02	.01	
NEWPORT NEWS						
SITE 001	70	.04	.07	.08	.02	.037
	71	.02	LD	.03	.05	.027
	72	.02	.07	.05		
	73	.07	.07	.03		
	74		.02			
NORFOLK						
SITE 001	70	.04	.06	.07	.05	.065
	71	LD	.07	.07	.07	.023
	72	.06	.06	.06	.07	.059
	73	.06	.08	.02	.05	.061
	74	LD	.02	.03	.07	.027
PORTSMOUTH						
SITE 001	70	.04	.06	.05	.05	.044
	71	LD	.05		LD	
	73	.06	.08	.01	.05	.047
	74	.04	.06	.05	.07	.040
	74		.05		.05	

POLLUTANT : 12161 - TITANIUM
METHOD : HI-VOL EMISSION SPECTRA (LOW TEMP ASH)
UNITS : UG/CU METER (25 C)
DATA TYPE : QUARTERLY COMPOSITE
PROJ. CLASSIFICATION : URBAN
ANALYTICAL QUALITY : 42(+-)29.863

LOWER DISCRIMINATION LEVEL (LD)
70 - .004
71 - .004
72 - .003
73 - .005
74 - .006

LOCATION	YR.	1ST. QTR.	2ND. QTR.	3RD. QTR.	4TH. QTR.	YR. AVG.
VIRGINIA						
RICHMOND						
SITE 002	70	.07	.05	.05	.04	.053
	71				.06	
	72	.04	.02			
	74	.02	.04	.02	.07	.029
ROANOKE						
SITE 001	70	.04	.03	.03	.03	.033
	71	.03	LD	LD	LD	
	72	.01	.01	LD		
	73	.04		LD	LD	
	74	LD	.06	.03		
WASHINGTON						
SEATTLE						
SITE 001	70	.05	.05	.05	.02	.046
	71	.05	.04	.08	.02	.051
	72	.09	.05	.03		
	73	.03	.06	.05	.03	.047
	74	LD	.09			
SPOKANE						
SITE 001	70	.10	.05	.15	.05	.109
	71	.24	.23	.17	.10	.186
	72	.22	.10	.13	.03	.122
	73	.14	.12	.15		
	74	.04	.13			
TACOMA						
SITE 001	70	.05	.04	.04	.01	.034
	71	.02	.03	LD	LD	
	72	.02	.05	.04	.03	.034
	73	.06	.01	.07	.05	.045
	74	.01				
WEST VIRGINIA						
CHARLESTON						
SITE 001	70	.09	.11	.12	.11	.107
	71	.03	.04	.03	LD	.024
	74	.06	.07	.08	.07	.070
HUNTINGTON						
SITE 001	71		.08	.03	.07	
HUNTINGTON						
SITE 005	72	LD		LD	.02	
	73	.07		.08	.08	
	74	.05				
SOUTH CHARLESTON						
SITE 001	70	.04	.11	.08	.04	.070
	71	.15	.14	.05	.04	.085
	72	.01			.01	
	73	.05	.06	.02		

LOCATION	YR.	1ST. QTR.	2ND. QTR.	3RD. QTR.	4TH. QTR.	YR. AVG.
	74	.05	.02	.02	.08	.043
WISCONSIN						
EAU CLAIRE						
SITE 002	70	.04	.05	.03	.04	.042
	71	.01	LD	.02	LD	
	72	.01	.02	.06	.04	.034
	73	.02	.02	LD		
	74	.05				
KENOSHA						
SITE 001	70	.03	.04	.04	.02	.032
	71	.05	.03	LD	LD	
	72	.04	.07	.02	.05	.047
	73	LD	LD	LD		
	74				.07	
MADISON						
SITE 001	70	.03	.03	.02	.02	.026
	71	.04	LD	LD	LD	
	72	.03	.02	.03	.03	.027
	73	LD	LD	LD		
	74	.05	LD	LD	.02	
MILWAUKEE						
SITE 001	70	.04	.04	.04	.05	.045
	71	.04	.04	LD	LD	
	72	.09	.06	.05	.07	.067
	73	.05	.03	.05		
	74			.06	LD	
RACINE						
SITE 001	70	.03	.03	.03	.02	.025
	71		.04	LD	.03	
	72	.02	.05	.01	.01	.023
	73	.02	.05	.06		
	74	.05	.06	.03	.02	.040
SUPERIOR						
SITE 001	70	.07	.04	.04	.07	.052
	71	.09	LD			
	72	.01	LD			
	73		.03		.03	
	74		.05			
WYOMING						
CASPER						
SITE 001	70	.01	.03	.04	.01	.026
	72		.02	.02	.03	
	73	.07	.03	.03	.03	.038
CHEYENNE						
SITE 001	70	.03	.02	.03	.08	.038
	72		LD	LD	.04	
	73	.04				

POLLUTANT : 82101 - TITANIUM
METHOD : HI-VOL EMISSION SPECTRA (LOW TEMP ASH)
UNITS : UG/CU METER (25 C)
DATA TYPE : QUARTERLY COMPOSITE
PROJ. CLASSIFICATION : NON-URBAN
ANALYTICAL QUALITY : 67(4-129.66)

LOWER DISCRIMINATION LEVEL (LDL)
70 - .0039
71 - .0039
72 - .0032
73 - .0045
74 - .0061

LOCATION	YR.	1ST QTR.	2ND QTR.	3RD QTR.	4TH QTR.	YR. AVG.
ARIZONA						
GRAND CANYON NAT PARK						
SITE 001	70	.015	.029	.017	.035	.0219
	71	.033	.028	.019		
	72				.018	
	73	.038	.049		.050	
	74	.042	.040	.043	LD	.0319
MARICOPA CO						
SITE 004	73	.010		LD	.031	
	74	LD	LD			
ARKANSAS						
MONTGOMERY CO						
SITE 001	70	LD	.027	LD	LD	
	71	LD	.025	.019		
	72	.047		.010	.014	
	73	.052	.032	.028		
	74	.007	.018	.026	.011	.0211
CALIFORNIA						
HUMBOLDT CO						
SITE 001	70	LD	LD	.021	.010	
	71	LD				
COLORADO						
MESA VERDE NAT PAR						
SITE 002	70	LD	.015	.017	.014	.0119
	71	.022	LD	LD	.028	
	72		LD	LD	.020	
	73	.045	.028	.019	LD	.0314
DELAWARE						
KENT CO						
SITE 001	70	.010	LD	LD		
	71	.029			.038	
	72			LD	.010	
	73			.002		
FLORIDA						
HARDEE CO						
SITE 001	70	LD	.007	LD	LD	
	71	LD	LD	LD	LD	
	72	.029	.050	.063	.041	.0479
	73				.051	
	74	LD	.007			
HAWAII						
HAWAII CO						
SITE 001	72	.015	LD	.029	.019	.0248
	73			.032	.029	
	74	LD	LD		LD	
HAWAII CO						
SITE 002	70	.035	.022	.074	.007	.0369
	72	.020	.026		.005	
	74	.025			LD	
HAWAII VOLCANOES						
SITE 001	70	LD	.021	.024	.010	.0168
	72	.007	.019		.032	
	74		.023	LD		
IDAHO						
BUTTE CO						
SITE 001	70	LD	.009	.022	.006	.0098
	71	LD	LD	.020	.024	
	72	.017	.024	.035	.060	.0473
	73	.038	.042	.055	.051	.0477
	74	.017	LD			
INDIANA						
WONDER CO						
SITE 001	70	.014	.010	.012	.020	.0140
	71	.022	LD	.050	.029	.0280
	72	.021	LD	.024	.027	.0141
	73	.018	.020			
	74		.026	.035		
MAINE						
PENOBSCOT CO						
SITE 001	70	.027	.021	.029	.036	.0218
	71	.065	LD	LD	.029	
	72	.048	.027	.021		
	74		.028			
MINNESOTA						
FREDVILLE PAR						
SITE 001	74	.049	.011	.043	.027	.0217
MAINE						
ACADIA NAT PARK						
SITE 001	70	.009	LD	.014	LD	
	71	LD	.017	LD	LD	
	72	.057	.042	.046	.019	.0298
	73		.044	.025	LD	
	74	.027	.017	LD		
MARYLAND						
CALVERT CO						
SITE 001	70	.011				
	72		.038	.020		
	73				.021	
	74			.029		
MISSISSIPPI						
JACKSON CO						
SITE 001	70	LD	.011	.007		
	71		LD	.038	.057	
	72	.009	.042	.014	.050	.0212
	73	.021	.045			
	74	.053	LD	.029	.022	.0276
MISSOURI						
SHANNON CO						
SITE 002	70	.017	.017	.009	LD	.0098
	71	.025	LD	.028		
	72		.012	.012	.031	
	73	.047	.020	.025	.049	.0249
	74	.042	.038		.022	
MONTANA						
GLACIER NAT PARK						
SITE 001	70	.033	.007	.021		
	71	.029	LD	.018	LD	
	72	.036	.042	.047	.051	.0368
NEBRASKA						
THOMAS CO						
SITE 001	70	.009	.011	.015	.010	.0112
	71	LD			LD	
	72	LD		LD	.015	
	73	.040	.018	.027	.012	.0237
	74	.011	.007			
NEVADA						
WHITE PINE CO						
SITE 001	70	LD	.014	.011	LD	
	71	LD			.015	
	72	.026	.026	.029	.057	.0217
	73	.047	.029	.048	.010	.0218
	74		LD	.015	.021	
NEW HAMPSHIRE						
BELKNAP CO						
SITE 001	72	.032	.046	.038		
	73	.049		.071		
COOS CO						
SITE 001	70	LD	LD	LD	.009	
	71	.049	LD	.031		
	72			.018	.032	
	73	.008	LD		.035	
	74	.018	LD	.014		
NEW MEXICO						
RIO ARRIBA CO						
SITE 001	70	.008				
	71		.017			
	72	LD	LD	.015	LD	

POLLUTANT : 12161 - YTTRIUM
METHOD : HI-VOL EMISSION SPECTRA (LOW TEMP ASH)
UNITS : UG/CU METER (25 C)
DATA TYPE : QUARTERLY COMPOSITE
PROJ. CLASSIFICATION : NON-URBAN
ANALYTICAL QUALITY : 8214-129,861

LOWER DISCRIMINATION LEVEL (LDL)
70 - .0039
71 - .0039
72 - .0032
73 - .0045
74 - .0061

LOCATION	YR.	1ST. QTR.	2ND. QTR.	3RD. QTR.	4TH. QTR.	YR. AVG.
*NEW YORK						
JEFFERSON CO						
SITE 001	70	.009	.014	.020	.013	.0149
	71	LD	LD	LD	LD	
	72	LD	.033	LD		
	73			LD		
	74	.010	.018	.029		
*NORTH CAROLINA						
CAPE HATTERAS NAT						
SITE 001	70	.020	.010	.014	.009	.0145
	71	LD	LD	LD		
	72	.012	.054			
*OKLAHOMA						
CHEROKEE CO						
SITE 001	70	.010	.020	.027	.007	.0158
	71	.022	LD		LD	
	72	.018	.004	LD	LD	
	73	.026	.047	.024	.022	.0317
	74	.037	.030	.024		
*OREGON						
CURRY CO						
SITE 001	70	.010	.014	.016	.016	.0139
	71	.028	LD			
	72	LD	LD	LD	LD	
	73	LD	LD	.019		
	74	.005				
*PENNSYLVANIA						
CLARION CO						
SITE 001	70	.019	.021	.017	.013	.0201
	71	LD	LD	LD	LD	
	72	.018	LD	.037	.007	.0298
	74	LD	LD	LD		
INDIANA CO						
SITE 001	72	.018	.024			
INDIANA CO						
SITE 002	72				.033	
	74	LD			.049	
INDIANA CO						
SITE 003	72	.041	.028	.033	.039	.0427
*RHODE ISLAND						
WASHINGTON CO						
SITE 002	70	.012	.021	.014	.007	.0138
	71	.025	.037	LD	LD	
	72	.041	.039	.054		
	73			LD	.029	
	74	.005				
*SOUTH CAROLINA						
RICHLAND CO						
SITE 002	70	.019				
	71	LD	LD	LD	LD	
	72	.064	.060	.079	.021	.0560
	73	LD	LD	LD	.038	
	74	.032	.010	LD		
*SOUTH DAKOTA						
BLACK HILLS NAT P						
SITE 001	70	LD	.010	LD		
	71	.067	.062	.035	LD	.0404
	72	.034	.039	.070	.018	.0401
	73	.030	.039	LD	.019	.0329
*TENNESSEE						
CUMBERLAND CO						
SITE 001	70	.011	.093	.021	.009	.0161
	71	LD				
*TEXAS						
MATAGORDA CO						
SITE 001	70	LD	.018	LD	LD	
	71	LD	LD	LD		
	72	.016	LD	LD	.009	
	73	.037	.008	.036	.035	.0278
	74	LD	.026	.041	.019	.0272
TOM GREEN CO						
SITE 001	70	.017	.020	.016	.015	.0160
	71	.052	LD		LD	
	72	.005	.037	.035	.040	.0298
	73	.041	.031	.028	LD	.0256
	74	.016	.019	.031		
*VERMONT						
ORANGE CO						
SITE 001	70	.009	.016	.012	.009	.0118
	71	.030	LD	.034		
	72	.027	LD	.010	.030	.0172
	73		.022	.011	.007	
	74	LD	.016		LD	
*VIRGINIA						
SHENANDOAH NAT PA						
SITE 001	70	.015	.014	.013	.019	.0151
	71	.038	.042	.050		
	72	.015	.007	LD	.031	.0135
	74		.019	LD		
WYTHE CO						
SITE 001	70	.011	.020	.009	.011	.0129
	71	.015	LD	.030		
	72	.041	.052	.035	.047	.0435
	73	.030	.035	LD	LD	
	74	LD			LD	
*WASHINGTON						
KING CO						
SITE 002	70	.025	.032	.043	.012	.0280
	71	LD	LD			
	72	.028	.031	.050	LD	.0275
	73	.052	.058	.076	.039	.0587
	74	.053				
*WISCONSIN						
DOOR CO						
SITE 001	70	LD	LD			
	72	LD	LD	LD	LD	
	73	.046		.048		
*WYOMING						
GRAND TETON NAT P						
SITE 001	72		LD	LD	.028	
	73	.041	.052	.019	.006	.0322
YELLOWSTONE NAT P						
SITE 001	70	LD	.008	LD		
	72		.042	.027	.030	
	73	LD	LD	LD	LD	

POLLUTANT : 12154 --VANADIUM
METHOD : HI-VOL EMISSION SPECTRA (LOW TEMP ASH)
UNITS : UG/CU METER (25 C)
DATA TYPE : QUARTERLY COMPOSITE
PROJ. CLASSIFICATION : URBAN
ANALYTICAL QUALITY : 21(+-)40.8CT

LOCATION	YR.	1ST. QTR.	2ND. QTR.	3RD. QTR.	4TH. QTR.	YR. AVG.
ALABAMA						
BIRMINGHAM						
SITE 003	70	LD		.018	LD	
	71	LD	LD		LD	
	72	LD	LD	LD	LD	
	73	LD	LD	LD	LD	
	74	LD	LD	LD	LD	
GADSDEN						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73	LD	LD	LD	LD	
	74	LD	LD	LD	LD	
HUNTSVILLE						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73	LD	LD	LD	LD	
	74		LD	LD		
MOBILE						
SITE 001	70	LD		.017	LD	
	71	LD	LD			
	72	LD	LD	LD	LD	
	73	LD	.026		LD	
	74		LD	LD	LD	
MONTGOMERY						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73	LD	LD		LD	
	74	LD	LD	LD	LD	
ALASKA						
ANCHORAGE						
SITE 003	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73	LD	LD	LD	LD	
	74	LD		LD		
FAIRBANKS						
SITE 001	70	LD	LD	LD		
	71				LD	
	72	LD	LD	LD	LD	
	73			LD	LD	
	74			LD		
ARIZONA						
DOUGLAS						
SITE 001	71	LD	LD			
	72	LD	LD	LD	LD	
	73			LD	LD	
	74	LD	LD	LD		
MARICOPA CO						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD		LD	
PHOENIX						
SITE 002	70	LD		LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73	LD	LD	LD	LD	
	74	LD	LD	LD	LD	
TUCSON						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73	LD	LD	LD	LD	
	74	LD	LD	LD	LD	
ARKANSAS						
LITTLE ROCK						
SITE 001	70	LD	LD	LD	LD	
	71	LD		LD	LD	

LOWER DISCRIMINATION LEVEL (LD)
70 - .0021
71 - .0021
72 - .0017
73 - .0025
74 - .0028

LOCATION	YR.	1ST. QTR.	2ND. QTR.	3RD. QTR.	4TH. QTR.	YR. AVG.
	72		LD	LD		
	73	LD				
	74	LD	LD	LD	LD	
TEXARKANA						
SITE 001	70	LD		LD	LD	
	71	LD	LD			
	72			LD		
	73		LD			
	74				LD	
WEST MEMPHIS						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD		
	73		LD	LD	LD	
	74	LD	LD	LD	LD	
CALIFORNIA						
ANAHEIM						
SITE 001	70	.014	.013	.019	LD	.0119
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73	LD	LD	LD		
	74	LD	LD	.024	.033	
BERKELEY						
SITE 001	70	.022	.014	.014		
	71			LD	LD	
	72	LD	LD	LD	LD	
	73	LD	.022	LD	LD	
	74	LD	LD	LD	LD	
BURBANK						
SITE 002	70	LD	LD	.012	LD	
	71	.020	LD	LD	LD	
	72	LD	LD	LD	LD	
	73	LD	.030	.044	LD	
	74	.022	LD	.027	LD	
FRESNO						
SITE 002	70	LD	LD	.012	LD	
	71	LD	LD			
	72	LD	LD	LD	LD	
	73	LD	LD	LD	LD	
	74	LD	LD	LD	LD	
GLENDALE						
SITE 001	70	LD	LD	.012	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73	.027	LD	LD	LD	
	74	LD	LD			
LONG BEACH						
SITE 001	70	.019	.015	.027	.015	.0180
	71	.030	LD	LD	LD	
	72	.042	.020	LD	LD	
	73	LD	LD			
	74	.038	.035	.039	LD	.0287
LOS ANGELES						
SITE 001	70	.015	LD	.023	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73	LD	LD	LD		
	74	LD	LD	.039	LD	
OAKLAND						
SITE 001	70	.027	.018	.026	.018	.0207
	71	.038	LD	LD	.033	
	72	LD	LD	LD	LD	
	73	LD	LD	LD		
	74	LD	LD	LD	LD	
ONTARIO						
SITE 001	70	LD	.018	.015	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73	LD	LD	LD		
	74	LD	LD			

POLLUTANT : 23160 - VANADIUM
METHOD : HI-VOL EMISSION SPECTRA (LOW TEMP ASH)
UNITS : NG/CU METER (25 C)
DATA TYPE : QUARTERLY COMPOSITE
PROJ. CLASSIFICATION : URBAN
ANALYTICAL QUALITY : 2116+-140.66?

LOWER DISCRIMINATION LEVEL (LD)
70 - .0021
71 - .0021
72 - .0017
73 - .0025
74 - .0028

LOCATION	YR.	1ST. QTR.	2ND. QTR.	3RD. QTR.	4TH. QTR.	YR. AVG.
CALIFORNIA						
PASADENA						
SITE 001	71	LD	LD	LD	LD	
PASADENA						
SITE 002	70	.017	LD	.014	LD	
	73		LD	LD	LD	
	73	LD	LD	LD		
	74	LD	.024	LD	LD	
RIVERSIDE						
SITE 001	70	LD	LD	LD	LD	
	71	.027			LD	
	73	LD	LD	LD		
SACRAMENTO						
SITE 001	70	LD	LD	.012	LD	
	71	LD	LD	LD	LD	
	73	LD	LD	LD	LD	
	73	LD	LD	LD	LD	
	74	LD	LD	LD	LD	
SAN BERNARDINO						
SITE 001	70	.017	LD	.028	LD	
	71	LD	LD	LD	LD	
	73	LD	LD	LD	LD	
	73	LD	LD	.033		
	74	LD	LD	LD	LD	
SAN DIEGO						
SITE 001	70	.036	.017	.029	.025	.0256
	71	.033	LD	LD		
	73	.033	LD	LD	LD	
	73	LD	.024	LD	LD	
	74	LD	LD	LD	LD	
SAN FRANCISCO						
SITE 001	70	.019	LD	LD	.012	
	71	LD	LD	LD	LD	
	73	LD	LD	LD	LD	
	73	LD	LD	LD	LD	
	74	LD	LD	LD	LD	
SAN JOSE						
SITE 002	70	LD	LD			
SAN JOSE						
SITE 003	70			LD	LD	
	73	LD	LD	LD		
SAN JOSE						
SITE 004	72	LD	LD	LD		
	73		LD	LD	LD	
	74	LD	LD	LD	LD	
SANTA ANA						
SITE 001	70	LD	LD	.032	LD	
	71	LD	LD	LD	LD	
	73	.027	LD	LD	LD	
	73	LD	LD	LD	LD	
	74	LD	LD	LD	.020	
TORRANCE						
SITE 001	70	.017	.014	.019	LD	.0126
	71	LD	LD	LD		
	73	LD	LD		LD	
	73	LD	.027	LD	LD	
	74	LD	LD	LD	LD	
COLORADO						
DENVER						
SITE 001	70	LD	LD	LD	.010	
	71	LD	LD	LD	LD	
	72	LD	LD		LD	
	73	LD				
CONNECTICUT						
BRIDGEPORT						
SITE 001	70	.201	.135	.096	.268	.2228
	71	.245	.230	.079	.168	.1898
	72	.115	.055	.017	.032	.0667
	73	.088	LD	LD	LD	
	74	.052	LD	LD	.030	.0272
HARTFORD						
SITE 001	70	.448	.184	.177	.308	.2782
	71	.446	.181	.074	.256	.2517
	72	.251		.058	.122	
	73	.091				
	74	.105	.051	LD	.067	.0547
NEW HAVEN						
SITE 001	70		.250	.234	1.222	
	71	1.325	.446	.274	.399	.5135
	73	.108				
	74	.143	.068	.034	.109	.0897
WATERBURY						
SITE 001	70	.528	.246	.183	.463	.3552
	71	.532	.303	.181	.278	.3727
	72	.195	.131	.078	.059	.1156
	73	.082	.064	LD	.081	.0870
	74	.217	.092	.032	.087	.0936
DELAWARE						
NEWARK						
SITE 001	70	.107	.085	.050	.074	.0792
	71	.061	.022	.026	.070	.0446
	73	.046	.032	LD		
	73	.067	.032	.031	.032	.0404
	74	.067		.023		
WILMINGTON						
SITE 001	70	.218	.128	.073		
	71	.144			.085	
	72	.048	.045	.032	.049	.0447
	73	.058			.038	
	74	.076			.043	
DISTRICT OF COLUMBIA						
WASHINGTON						
SITE 001	70	.109	.057		.076	
	71	.095	.062	.037	.142	.0838
	72	.121	.068		.077	
	74	.054				
FLORIDA						
JACKSONVILLE						
SITE 002	70	.057	.077	.050	.023	.0516
	71	.033	LD	.031	.051	.0290
	73	.038	.026	.050	.051	.0413
	73	.058	.065	LD	.085	.0522
	74			.057	.052	
MIAMI						
SITE 002	70	.035	.018	.037	.043	.0333
	71	.031	.067	.034	.038	.0418
	73	LD	.020	LD	LD	
	73	LD	.030	.032		
	74	LD	.031	.022	LD	
ST PETERSBURG						
SITE 002	70	.046	.035	.042	.040	.0405
	71	.022	LD	.036	.203	.0654
	73	.021	LD	.069	.037	.0714
	73	.085		LD		
	74			.022	.026	
TAMPA						
SITE 002	70	.036	.013	.051	.045	.0365
	71	.078	LD	.047		
	72	.054	.030	.045	.025	.0409
	73	.048			.041	
	74		.048	.027	LD	
GEORGIA						
ATLANTA						
SITE 001	70	.029	LD	LD	.014	
	71	LD	LD	LD	LD	
	73	LD	LD	LD	LD	
	73	LD	LD	LD	LD	
	74	LD	LD	.026	LD	

POLLUTANT : 17164 - VANADIUM
METHOD : HI-VOL EMISSION SPECTRA (LOW TEMP ASH)
UNITS : UG/CU METER (25 C)
DATA TYPE : QUARTERLY COMPOSITE
PROJ. CLASSIFICATION : URBAN
ANALYTICAL QUALITY : 21(+-)80.6%

LOWER DISCRIMINATION LEVEL (LD)
70 - .0021
71 - .0021
72 - .0017
73 - .0025
74 - .0028

LOCATION	YR.	1ST. QTR.	2ND. QTR.	3RD. QTR.	4TH. QTR.	YR. AVG.
GEORGIA						
COLUMBUS						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73	LD	LD	LD	LD	
	74		LD	LD	LD	
SAVANNAH						
SITE 001	70	.081	.027	.014	.089	.0562
	71	.078	.034	LD	.050	.0408
	72		.029		.068	
	73	.088	.083	LD		
HAWAII						
HONOLULU						
SITE 001	70	.029	.021	.023	.029	.0251
	71	.029	.031	.032	.040	.0353
	72		.032	.026	LD	
	73	.059	.037	.043	LD	.0349
	74	.087	.049	.029	.073	.0507
IDAHO						
BOISE CITY						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73	LD	LD	LD	LD	
	74	LD	LD			
ILLINOIS						
CHICAGO						
SITE 001	70	LD	LD	LD	LD	
	71	.118	.099	LD	.082	.0651
	72	.079	LD	LD	.049	
	73			LD		
	74				.038	
EAST ST LOUIS						
SITE 001	70	LD				
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73	LD		LD		
	74			LD		
EAST ST LOUIS						
SITE 004	70			LD		
JOLIET						
SITE 001	70	.027	LD	LD		
	71	LD	.030	LD		
	72	LD	LD	LD	LD	
	73	LD	LD	LD		
MOLINE						
SITE 001	72		LD	LD	LD	
	73	LD	LD	LD		
	74	LD	LD	LD	LD	
NORTH CHICAGO						
SITE 002	70	LD	.014	LD	.010	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73	LD	LD	LD		
	74	LD				
PEORIA						
SITE 001	70	.014	LD	.013	.019	.0106
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73	LD	LD	LD		
ROCKFORD						
SITE 001	70	LD	LD			
	71	LD		LD		
	72	LD	LD	LD		
	73		LD			
	74				LD	
ROCK ISLAND						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72		LD	LD	LD	
	73		LD	LD	LD	
	74			LD	LD	
SPRINGFIELD						
SITE 001	70	.017	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73	LD	LD	LD		
	74	LD	LD	LD	LD	
INDIANA						
EAST CHICAGO						
SITE 001	70	.077	.148	.050	.098	.0798
	71	.078	LD	.029	.067	.0875
	74	LD	LD	LD	.044	
EVANSVILLE						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73	LD	LD	LD		
	74		LD	LD	LD	
FORT WAYNE						
SITE 001	70	.021	LD	LD	.017	
FORT WAYNE						
SITE 002	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73	LD	LD	LD		
GARY						
SITE 001	70	.062	LD	.017	.026	.0315
	71	.058	LD		.026	
	72	LD	LD	LD	LD	
	73	LD	LD	LD		
	74	LD	LD	LD	LD	
HAMMOND						
SITE 001	70	.070	.020	.019	.041	.0761
	71	LD	.051	LD	.030	
HAMMOND						
SITE 002	72	LD	.068	LD	LD	
	73	LD	LD	LD		
	74	LD	LD	LD	LD	
INDIANAPOLIS						
SITE 001	70	.014	LD	.017	.022	.0123
	71	LD	LD	LD	LD	
	72	LD	LD	LD		
	74		LD	LD		
MUNCIE						
SITE 001	70	LD	LD			
	71			LD	LD	
	72	LD				
NEW ALBANY						
SITE 002	70	LD	.169	LD	LD	
	71	LD				
	73		LD	LD	LD	
	74	LD	LD	LD		
	74		LD			
SOUTH BEND						
SITE 002	70	.023	LD	LD	.029	
	71	.032	LD	LD		
	72		LD	LD	LD	
	73	LD	LD	LD		
	74	.021	LD	LD	LD	
TERRE HAUTE						
SITE 001	70	LD	LD	LD	LD	
	71	LD		LD		
	72	LD	LD	LD	LD	
	73	LD	LD	LD		
	74		LD	LD	LD	

POLLUTANT : 17164 - VANADIUM
METHOD : HI-VOL EMISSION SPECTRA (LOW TEMP ASH)
UNITS : UG/CU METER (25 C)
Data TYPE : QUARTERLY COMPOSITE
PROJ. CLASSIFICATION : URBAN
ANALYTICAL QUALITY : 2164-180.062

LOWER DISCRIMINATION LEVEL (LDL)
70 - .0021
71 - .0021
72 - .0017
73 - .0025
74 - .0028

LOCATION	YR.	1ST. QTR.	2ND. QTR.	3RD. QTR.	4TH. QTR.	YR. AVG.
IOWA						
CEDAR RAPIDS						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD		
	72	LD	LD	LD	LD	
	73	LD	LD	LD	LD	
	74	LD	LD	LD	LD	
DAVENPORT						
SITE 001	70	.011	LD	LD	LD	
	71	LD		LD	LD	
	72	LD	LD	LD	LD	
	73	LD	LD	LD	LD	
	74	LD	LD	LD	LD	
DES MOINES						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73	LD	LD	LD	LD	
	74	LD	LD	LD	LD	
DUBUQUE						
SITE 001	70	LD	.011			
DUBUQUE						
SITE 002	71		LD			
	72	LD	LD	LD	LD	
	73	LD	LD	LD	LD	
	74	LD	LD	LD	LD	
DUBUQUE						
SITE 003	74	LD	LD	LD	LD	
WATERLOO						
SITE 001	71		LD	LD	LD	
WATERLOO						
SITE 004	72	LD	LD			
	73		LD	LD	LD	
	74	LD	LD	LD	LD	
KANSAS						
KANSAS CITY						
SITE 002	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73	LD	LD	LD	LD	
	74	LD	LD	LD	LD	
KANSAS CITY						
SITE 012	74		LD	LD	LD	
TOPEKA						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73		LD	LD	LD	
	74	LD	LD	LD	LD	
WICHITA						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD		
	73	LD	LD	LD	LD	
	74	LD	LD	LD	LD	
KENTUCKY						
ASHLAND						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD		
	72	LD	LD	LD	LD	
	73	LD	LD	LD	LD	
	74	LD	LD	LD	LD	
BOWLING GREEN						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	

LOCATION	YR.	1ST. QTR.	2ND. QTR.	3RD. QTR.	4TH. QTR.	YR. AVG.
	72	LD	LD	LD	LD	
	73	LD	LD	LD	LD	
	74	LD	LD	LD	LD	
COVINGTON						
SITE 001	70	LD	LD	LD	.011	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73	LD	LD			
	74	LD	LD	LD	LD	
LEXINGTON						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73	LD	LD			
	74				LD	
LOUISVILLE						
SITE 002	72	LD	LD			
	73			LD	LD	
	74		LD	LD	LD	
LOUISVILLE						
SITE 003	70		LD	LD	LD	
	71	LD	LD	LD	LD	
LOUISIANA						
BATON ROUGE						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73	LD	LD	LD		
	74	LD	LD	LD	LD	
NEW ORLEANS						
SITE 002	70	LD	.010	LD	LD	
	71	.026	LD	LD	LD	
	72	LD	LD	LD	LD	
	73	LD	LD	LD		
	74	LD	LD		LD	
SHREVEPORT						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73		LD	LD	LD	
	74	LD	LD	LD	LD	
MAINE						
PORTLAND						
SITE 002	70		.765	.743	.979	
	71	1.164	.725	.155	.520	.6407
	72	.676	.858			
	73		.393			
	74	.707	.118	.068		
MARYLAND						
BALTIMORE						
SITE 001	70	.392	.207	.159	.185	.2272
	71	.238	.098		.132	
	72	.193	.075	.084	.099	.1127
	73	.089	.047	.042	.077	.0652
	74	.110	.041	.069	.074	.0733
MASSACHUSETTS						
BOSTON						
SITE 001	70	.618		.223	.299	
	71		.119			
	72	.085	.037	.098		
	73				.056	
	74		.051	.049		
CAMBRIDGE						
SITE 001	70		.090		.196	
	71	.322	.208	.117	.326	.2428
	72		.089			
	73			.050	.087	
	74		.035	.029		

POLLUTANT : 12184 - VANADIUM
METHOD : HI-VOL EMISSION SPECTRA (LOW TEMP ASH)
UNITS : UG/CU METER (25 C)
DATA TYPE : QUARTERLY COMPOSITE
PROJ. CLASSIFICATION : URBAN
ANALYTICAL QUALITY : 21(+-)40.8%

LOWER DISCRIMINATION LEVEL (LD)
70 - .0021
71 - .0021
72 - .0017
73 - .0025
74 - .0028

LOCATION	YR.	1ST. QTR.	2ND. QTR.	3RD. QTR.	4TH. QTR.	YR. AVG.
MASSACHUSETTS						
FALL RIVER						
SITE 002	70	.527	.704	.121	.235	.2708
	71	.425	.189	.049	.192	.2136
	72			.041	.117	
	73		LD	.044		
NEW BEDFORD						
SITE 001	70		.757			
	72		.055			
	73			LD	.049	
	74		.022	LD		
SPRINGFIELD						
SITE 002	70	.208	.125	.128	.248	.1907
	71	.297	.097			
	72		.061	.058	.084	
	73	.089	.037			
	74		.044	LD		
WORCHESTER						
SITE 001	70	.527	.184	.102	.378	.2927
	71	.488	.209	.113	.195	.2463
	72	.201	.061	.045	.109	.1028
	73	.151	.046		.067	
	74		.033			
MICHIGAN						
DEARBORN						
SITE 001	70	LD	.021	LD		
	71		LD	LD		
	73	LD	LD	.025		
	74	LD	LD	LD	LD	
DETROIT						
SITE 001	70	LD	.031	.015	.011	.0150
	71	LD	LD	LD	LD	
	74			LD	LD	
FLINT						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD		
	73	LD	LD	LD		
	74				LD	
GRAND RAPIDS						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73	LD	LD	LD		
LANSING						
SITE 01	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72		LD	LD	LD	
	73	LD	LD	LD		
	74	LD	LD	LD	LD	
SAGINAW						
SITE 001	70	LD	LD	LD	.019	
	71	LD	LD	LD	LD	
	72	LD	LD	LD		
	73	LD	LD	LD	LD	
	74	LD	LD	LD	LD	
MINNESOTA						
DULUTH						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	

LOCATION	YR.	1ST. QTR.	2ND. QTR.	3RD. QTR.	4TH. QTR.	YR. AVG.
	73	LD	LD	LD		
	74	LD	LD	LD	LD	
MINNEAPOLIS						
SITE 001	70	.021	LD	LD	.013	
	71	LD	LD	LD	LD	
	72	LD		LD	LD	
	73	LD		LD		
	74			LD		
MOORHEAD						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD		
	72	LD		LD		
	73	LD				
ST PAUL						
SITE 001	70	.033	LD	LD	.028	
	71	.037	LD	LD		
	72	.037	LD	LD	.026	
	73	.023	LD	LD		
	74	.029	LD	LD	LD	
MISSISSIPPI						
JACKSON						
SITE 002	70	LD	LD	LD		
	71	LD	LD			
	73	LD	LD	LD	LD	
	74	LD	LD	LD	LD	
MISSOURI						
KANSAS CITY						
SITE 002	70	.018	LD	LD	LD	
	71	.021	LD			
	73	LD	LD	LD	LD	
	74	.029	LD	LD		
ST LOUIS						
SITE 001	70	.045	LD		LD	
	71	LD	LD	LD	LD	
	72	.025	LD	LD	.030	
	73				LD	
	74	LD	LD	LD	LD	
MONTANA						
HELENA						
SITE 001	70	LD	LD	LD		
	71	LD	LD	LD	LD	
	72		LD			
NEBRASKA						
LINCOLN						
SITE 002	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73	LD	LD	LD	LD	
	74	LD	LD	LD	LD	
OMAHA						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73	LD	LD	LD	LD	
	74	LD	LD	LD	LD	
NEVADA						
LAS VEGAS						
SITE 001	70	LD	LD	LD		
	71	LD	LD	LD		
	72	LD				
	74		LD		LD	
RENO						
SITE 001	70	.047	LD	LD		
	71	.027		LD		
	72	.024	LD	LD	.019	
	73	LD	LD	LD	LD	
	74	LD	LD	LD	LD	

POLLUTANT : 23164 - VANADIUM
METHOD : HI-VOL EMISSION SPECTRA (LOW TEMP ASH)
UNITS : UG/CU METER (25 C)
DATA TYPE : QUARTERLY COMPOSITE
PROJ. CLASSIFICATION : URBAN
ANALYTICAL QUALITY : 2116-340.803

LOCATION	YR.	1ST. QTR.	2ND. QTR.	3RD. QTR.	4TH. QTR.	YR. AVG.
NEW HAMPSHIRE						
CONCORD						
SITE 001	70	.150	.088	.058	.118	.1029
	71	.110	.079	.059	.120	.0920
	72	.095	.061	.060	.085	.0702
	73	.091			.121	
	74	.087	.039	.035		
NEW JERSEY						
BAYONNE						
SITE 001	70	.238	.260	LD		
	72		.077	.055	.057	
	74		.073	.055	.055	
BURLINGTON CO						
SITE 002	70	.190	.071	.071	.050	.0908
	71	.077	.061	.036	.079	.0573
CAMDEN						
SITE 001	70	.401	.198	.097	.155	.2128
	71	.229	.125			
	72		.093	.076		
	73			.037	.076	
	74	.125	.069			
CAMDEN CO						
SITE 002	73		LD	.032		
ELIZABETH						
SITE 004	70	.250	.178	.133	.171	.1855
	71	.216	.139	.097	.141	.1570
	72	.097	.068	.045		
	73			.046	.038	
	74	.155	.087	.043	.035	.0577
GLOUCESTER						
SITE 001	70	.100	.222	.032	.080	.0945
	71	.076	.050	.040		
	72	.041	LD	.025	.027	.0260
	73			.023		
	74	.087	.030	LD	.021	.0218
HAMILTON						
SITE 003	70		.185	.055	LD	
	71	.108	.087			
JERSEY CITY						
SITE 001	70	.258	.200	.104	.227	.2139
	71	.155	.103	.117	.180	.1531
	72	.150	.087	.056	.055	.0833
	73		.050	.038		
	74		.076		.173	
NEWARK						
SITE 001	70	.200	.175	.120	.137	.1945
	71	.248	.137	.074		
	72	.097	.062	.078	.055	.0560
	73			.032	.020	
	74	.087	.033	.046	.054	.0550
PATERSON						
SITE 001	70	.252	.227	.037	.135	.2007
	71	.108	.109			
	72				.047	
	73			LD	LD	
	74	.089	.077		.047	
PERTH AMBOY						
SITE 001	70	.187	.122	.097	.098	.1137
	71	.120	.091	.063	.078	.0880
	72	.067	.050	.037	.087	.0591
	73		.030	.030		
TRENTON						
SITE 001	70	.255	.066	.183	.188	.1522
	71		.095	.093		
	72	.078	.067	.048	.049	.0651
	73			LD	.045	
	74	.071	.048	.043	.051	.0547

LOWER DISCRIMINATION LEVEL (LD)
70 - .0021
71 - .0021
72 - .0017
73 - .0025
74 - .0028

LOCATION	YR.	1ST. QTR.	2ND. QTR.	3RD. QTR.	4TH. QTR.	YR. AVG.
NEW MEXICO						
ALBUQUERQUE						
SITE 001	70					
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73	LD	LD	LD		
	74	LD	LD	LD	LD	
NEW YORK						
ALBANY						
SITE 001	70	.186	.103	.083		
	71	.178	.153	.225		
	72	.166	.188	.170	.171	.1607
	73		.110		.177	
	74	.248	.237	.050	.246	.1978
BUFFALO						
SITE 001	70	.044	.023	.050	.050	.0415
	71	.047	.028	LD	.031	.0356
	72	LD	LD	LD	.055	
	73		LD	LD	.027	
	74	LD	LD	LD	.040	
NEW YORK CITY						
SITE 001	70	.588	.255	.270	.455	.3910
	71	.492	.400		.273	
	72	.179	.042	.057	.096	.0922
	73		.087	.056	.077	
	74	.098	.077	.051	.059	.0868
NIAGARA FALLS						
SITE 001	70	.033	.021	LD	.037	.0234
	71	.022	.028	LD	.030	.0203
	72	LD	.022	LD	.020	
	73			.021	.038	
	74	.045	LD	LD	LD	
ROCHESTER						
SITE 001	70	.031	.028	.025	.046	.0325
	71	.028	LD	LD	.027	
	72	LD	LD	.026	LD	
	73		LD	.026	.041	
	74	.027	LD	LD	.020	
SYRACUSE						
SITE 004	70	.070	.031	.027	.042	.0424
	71	.067	.036	LD	.037	.0347
	72	.043	.031	LD	.046	.0277
	73		LD	LD	LD	
	74	.030	LD	.025	.034	.0226
UTICA						
SITE 001	70	.172	.052	.056	.076	.0887
	71	.119	.080	.049	.120	.0905
	72	.139	.089	LD	.094	.0772
	73				.088	
	74		.031		.089	
YONKERS						
SITE 001	70	.172	.237	.078	.151	.1594
	71	.190		.142	.119	
	72	.079	.053	.060		
	73			.041	.039	
NORTH CAROLINA						
CHARLOTTE						
SITE 001	70	.030	.015	LD	.027	.0170
	71	.026	LD			
	72	LD	LD	LD	LD	
	73	.031	LD	LD	.030	
	74	LD	LD	LD	.027	
DURHAM						
SITE 001	70	.022	LD	LD	.015	
	71		LD	LD	.025	
	72	LD	LD	LD	.026	
	73	.062	.023	LD	.037	.0209
	74	.027	LD	.032	.051	.0278

POLLUTANT : 12184 - VANADIUM
METHOD : HI-VOL EMISSION SPECTRA (FLOW TEMP ASH)
UNITS : UG/CU METER (25 C)
DATA TYPE : QUARTERLY COMPOSITE
PROJ. CLASSIFICATION : URBAN
ANALYTICAL QUALITY : 71(+-)0.063

LOWER DISCRIMINATION LEVEL (LDL)
70 - .0021
71 - .0021
72 - .0017
73 - .0025
74 - .0038

LOCATION	YR.	1ST. QTR.	2ND. QTR.	3RD. QTR.	4TH. QTR.	YR. AVG.
NORTH CAROLINA						
GREENSBORO						
SITE 001	70	.037	.024	.015	.026	.0243
	71	.086	LD			
	72	.025	LD	LD	.030	
	73	.029	LD	LD	.041	
	74	LD	LD	LD	.038	
WINSTON-SALEM						
SITE 002	70	.027	.023	LD	.024	.0179
	71	.059	.034	LD	LD	
	72	.033	LD	LD		
	73		LD	LD	.031	
	74	LD	LD	LD	.050	
NORTH DAKOTA						
BISMARCK						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73	LD	LD	LD	LD	
OHIO						
AKRON						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD		
	73	LD	LD	LD		
	74		LD	LD		
CANTON						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD		LD	LD	
	73	LD	LD	LD		
	74		LD	LD	LD	
CINCINNATI						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	74		LD		LD	
CLEVELAND						
SITE 001	70	LD	LD	.012	LD	
	71	LD	LD			
	72	LD	LD		LD	
	74				LD	
COLUMBUS						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73	LD				
	74				LD	
DAYTON						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73	LD	LD	LD		
	74	LD			LD	
IRONTON						
SITE 002	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73	LD	LD	LD		
	74		LD			
PORTSMOUTH						
SITE 002	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73	LD	LD	LD		
	74		LD			
STEUBENVILLE						
SITE 001	71	LD	.041	LD	LD	
	72	LD				
	73	LD	LD	LD		
	74			.034		

LOCATION	YR.	1ST. QTR.	2ND. QTR.	3RD. QTR.	4TH. QTR.	YR. AVG.
TOLEDO						
SITE 001	70	LD	LD	.011		
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	74		LD	LD	LD	
YOUNGSTOWN						
SITE 001	70	LD	LD	LD	.018	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73			.056		
	74	LD	LD		LD	
OKLAHOMA						
OKLA CITY						
001	70	LD	LD	LD	LD	
	71	LD	LD			
OKLAHOMA CITY						
SITE 015	72	LD	LD	LD	LD	
	73	LD	LD			
	74	LD	LD	LD	LD	
OKLAHOMA CITY						
SITE 029	73	LD	LD	LD		
	74	LD	LD	LD	LD	
TULSA						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD		
	73	LD	LD	LD	LD	
	74	LD	LD	LD	LD	
OREGON						
EUGENE						
SITE 001	70	.091	LD	LD		
MEDFORD						
SITE 001	70	LD	LD	LD		
	71	.027	LD			
PORTLAND						
SITE 001	70	.110	.086	.029	.108	.0718
	71	.104		.053	.092	
	72	LD	.026	.078	.088	.0530
	73			LD		
	74	.030	.032			
PENNSYLVANIA						
ALLENTOWN						
SITE 001	70	.244	.162	.101	.160	.1765
	71	.150	.088	.064	.095	.0982
	72	.069	.040	.073	.076	.0602
	73	.033	LD	.032	.042	.0270
	74	.069	.046	.041	.073	.0573
ALTOONA						
SITE 001	70	.035	.029	LD	.030	.0222
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73	LD	LD	LD	LD	
	74		LD	LD	LD	
BETHLEHEM						
SITE 002	70	.089	.107	.087	.147	.1100
	71	.116	.039	.039	.051	.0609
	72	.048	.032	.059	LD	.0348
	73	.048	LD	LD	.055	
	74	LD	.027	.043		
CLEARFIELD CO						
SITE 001	72	LD	LD	LD		
ERIE						
SITE 002	70	LD	.015	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	.039	LD	LD	
	73	LD	LD	LD	LD	
	74		LD	LD	LD	

POLLUTANT : 17168 - VANADIUM
METHOD : HI-VOL EMISSION SPECTRA (FLOW TEMP ASM)
UNITS : UG/CU METER (25 C)
DATA TYPE : QUARTERLY COMPOSITE
PROJ. CLASSIFICATION : URBAN
ANALYTICAL QUALITY : 2114-140.663

LOWER DISCRIMINATION LEVEL (LDL)
70 - .0021
71 - .0021
72 - .0017
73 - .0025
74 - .0028

LOCATION	YR.	1ST. QTR.	2ND. QTR.	3RD. QTR.	4TH. QTR.	YR. AVG.
PENNSYLVANIA						
HARRISBURG						
SITE 001	70	.181	.096	.106	.107	.1000
	71	.095	.104	.057	.075	.0807
	72	.105	.083	.070	.117	.0839
	73	.068	LD		.072	
	74		.038			
HAZLETON						
SITE 001	70	.017	LD	LD	.032	
	71	.028	LD	LD	.032	
	72	.022	LD	LD	LD	
	73	LD	LD	LD	.032	
	74	.067	LD	.026	LD	
JOHNSTOWN						
SITE 001	70	LD	LD	LD	.010	
	71	LD	LD			
LANCASTER CITY						
SITE 001	70	.222	LD			
	71			.052	.118	
LANCASTER CITY						
SITE 002	70			LD		
	73		.038	LD	.049	
	74	.067	.083	.074		
PHILADELPHIA						
SITE 001	70	.187	.202	.216	.201	.2023
	71	.207	.106	.110	.149	.1517
PHILADELPHIA						
SITE 004	72	.187	.076	.095	.052	.1017
	73	.027				
	74	.151	.097	.051	.075	.0938
PITTSBURGH						
SITE 001	70	.011	LD	.012	.017	.0091
	71	LD	LD		LD	
	74	LD	LD	LD	LD	
READING						
SITE 001	70	.247	.191	.174	.209	.1892
	71	.215	.114	.111		
	73	.127	.057	.056	.071	.0768
	74	.088	.085	.089		
SCRANTON						
SITE 001	70	.090	.039	.026	.051	.0529
	71	.063	.056	LD	.049	.0361
	73	.030	.026	LD	.049	.0275
	74	.058	LD	.029	.033	.0315
	74	.067	LD	LD	.047	
WARMINSTER						
SITE 001	70	.125	.053	.029	.067	.0682
	71	.027	.101			
	74		.085	LD		
WEST CHESTER						
SITE 001	70	.092	LD	LD		
	71	.211				
	73	.077	.033	.036		
WILKES-BARRE						
SITE 001	70	.032	.017	.019	.026	.0228
	71	.026	LD	LD	.037	
	73	.027	LD	LD	.026	
	73	.029	LD	LD	LD	
	74	.041	LD	LD	LD	
YORK						
SITE 001	70	.190	.102	.053	.179	.1208
	71	.110	.080	.039	.145	.0834
	72	.107	.089	.068	.100	.0904
	73	.102	.072	.109	.101	.0961
	74	.230				

LOCATION	YR.	1ST. QTR.	2ND. QTR.	3RD. QTR.	4TH. QTR.	YR. AVG.
PUERTO RICO						
BAYAMON						
SITE 002	70	.026	.090	.070	.069	.0638
	72	.068	.079	.074	.075	.0739
	73			.081		
	74	.069	.026	.099		
CATANO						
SITE 002	70	.196	.142	.179	.222	.1698
	72	.231	.109	.110	.085	.1716
	73		.187	.163	.168	
	74		.039	.109		
GUAYANILLA						
SITE 002	70	.110	.092	.071	.116	.0972
	72	.086	.052	.057	.057	.0643
	73		.068	.068	.067	
	74	.107	.108			
PONCE						
SITE 002	70	.017	.025	.017	.020	.0196
	72	LD	LD	LD	LD	
	73		LD	LD	LD	
	74	LD	.025		LD	
SAN JUAN						
SITE 001	70	.011	.030	.124	.025	.0474
	72	LD	LD	LD	LD	
	73		LD	LD	LD	
	74	LD	LD	LD		
RHODE ISLAND						
EAST PROVIDENCE						
SITE 001	70	.263	.098	.099	.209	.1657
	71	.144	.177	.109	.217	.2082
	72	.098	.078	.076	.084	.0742
	73	.069	.092	.092	.091	.0862
	74			.027		
PROVIDENCE						
SITE 001	70	1.071	.843	.050	.638	.4520
	71	.557	.107	.748	.276	.3220
	72	.197	.107	.029	.139	.1157
	73	LD	.050		.087	
	74	.185		.027	.119	
SOUTH CAROLINA						
COLUMBIA						
SITE 001	70	.015	LD	LD		
	71	LD				
	72	LD	.078	LD	LD	
	73	LD	.732	LD	LD	
	74		LD	.039	LD	
GREENVILLE						
SITE 001	70	.029	.019	LD	.021	.0154
	71	.048	LD	LD	LD	
	72	LD	LD	LD	.026	
	73	.071	LD	LD	.051	
	74	LD	LD	LD	LD	
SOUTH DAKOTA						
SIOUX FALLS						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD		
	73	LD	LD	LD		
TENNESSEE						
CHATTANOOGA						
SITE 001	70	.016	LD	LD	LD	
	71	LD	LD	LD		
	72	LD	LD	LD	LD	
	73	LD	LD			
	74			LD		
KNOXVILLE						
SITE 001	70	LD	LD	LD		

POLLUTANT : 12184 - VANADIUM
METHOD : HI-VOL EMISSION SPECTRA (LOW TEMP ASH)
UNITS : UG/CU METER (25 C)
DATA TYPE : QUARTERLY COMPOSITE
PROJ. CLASSIFICATION : URBAN
ANALYTICAL QUALITY : 211+-140.063

LOWER DISCRIMINATION LEVEL (LD)
70 - .0021
71 - .0021
72 - .0017
73 - .0025
74 - .0028

LOCATION	YR.	1ST. QTR.	2ND. QTR.	3RD. QTR.	4TH. QTR.	YR. AVG.
TENNESSEE						
KNOXVILLE						
SITE 002	71	.037	LD	LD	LD	
	73	LD	.001	LD	LD	
	74		LD	LD	LD	
MEMPHIS						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73	LD	LD	LD	LD	
	74	LD	LD	LD	LD	
NASHVILLE						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD			
	72	LD	LD		LD	
	73	LD	LD	LD	LD	
	74	LD	LD	LD		
TEXAS						
AMARILLO						
SITE 002	71	LD				
	74		LD			
AUSTIN						
SITE 002	70			LD	LD	
	71	LD	LD	LD	LD	
	74	LD	LD			
BEAUMONT						
SITE 001	70			LD	LD	
	71	LD	LD			
	74		LD			
CORPUS CHRISTI						
SITE 001	70			LD	LD	
	71	LD		LD		
	74		LD	LD		
DALLAS						
SITE 002	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	73	LD	LD	LD	LD	
	73	LD	LD		LD	
	74	LD	LD	LD	LD	
EL PASO						
SITE 002	70	LD	LD	LD	LD	
	71	LD	LD	LD		
	72	LD	LD	LD	LD	
	73	LD	LD	LD	LD	
	74	LD	LD	LD	LD	
FORT WORTH						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	.029	
	73	LD	LD	LD	LD	
	74	LD	LD	LD	LD	
HOUSTON						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	73	LD	LD	LD	LD	
	73	LD	LD	LD	LD	
	74	LD	LD	LD	LD	
LUBBOCK						
SITE 001	70			LD	LD	
	71	LD	LD	LD		
	74		LD			
PASADENA						
SITE 002	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73	LD	LD	LD	LD	
	74	LD	LD			
SAN ANTONIO						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73	LD		LD	LD	
	74	LD	LD	LD	LD	
WICHITA FALLS						
SITE 001	70			LD		
	73	LD	LD	LD		
WICHITA FALLS						
SITE 002	74	LD		LD		
UTAH						
OGDEN						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	73	LD	LD	LD	LD	
	73	LD	LD	LD	LD	
SALT LAKE CITY						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD		LD	
	73	LD	LD	LD	LD	
VERMONT						
BURLINGTON						
SITE 001	70	.007	.109	.210	.127	.2072
	71	.109	.072	.107		
	72	.101				
	74	.047	LD	LD	.049	
VIRGINIA						
DANVILLE						
SITE 001	70	.019	.020	.019	.015	.0187
	71	.032	LD	LD		
	72	LD	LD	LD	LD	
	73	LD				
	74	.032	LD			
FAIRFAX CO						
SITE 001	71	.045	.022	.031	.057	.0276
	72	.059	.028	LD	.022	.0700
	73	.022	LD	.042		
HAMPTON						
SITE 001	70	.065	.044	.027	.031	.0418
	71	.047	.031	.050	.038	.0398
	72	.040	.035	.026	.039	.0348
	73	.058	.023	.029	.057	.0400
	74	.044	LD	.062	.038	.0762
LYNCHBURG						
SITE 001	70	.056	.015	LD	.021	.0230
	73	.044	LD	LD	.051	
	73	.046	LD	LD	LD	
	73	.031	LD			
	74			LD	.020	
NEWPORT NEWS						
SITE 001	70	.049	.018	.032	.054	.0281
	71	LD	.021	.024	.035	.0202
	72	LD	LD	.041		
	73	.041	LD	LD		
	74		.041			
NORFOLK						
SITE 001	70	.140	.077	.070	.087	.0913
	71	.156	.077	.071	.077	.0950
	72	.106	.054	.059	.072	.0758
	73	.133	.057	.055	.093	.0867
	74	.077	.059	.091	.099	.0838
PORTSMOUTH						
SITE 001	70	.088	.127	.073	.079	.0859
	71	.119	LD		.099	
	73	.102	.084	LD	.117	.0778
	73	.096	.057	.079	.077	.0899
	74		.057		.067	

POLLUTANT : 23160 - VANADIUM
METHOD : HI-VOL EMISSION SPECTRA (LOW TEMP ASH)
UNITS : UG/CU METER (25 C)
DATA TYPE : QUARTERLY COMPOSITE
PROJ. CLASSIFICATION : URBAN
ANALYTICAL QUALITY : 21(+-)60.63

LOCATION	YR.	1ST. QTR.	2ND. QTR.	3RD. QTR.	4TH. QTR.	YR. AVG.
*VIRGINIA						
RICHMOND						
SITE 002	70	.157	.079	.060	.193	.1221
	71				.169	
	72	.150	.183			
	74	.190	.115	.055	.169	.1297
ROANOKE						
SITE 001	70	.076	.022	.017	.033	.0368
	71	.033	LD	LD	.025	
	72	LD	LD	LD		
	73	LD		LD	LD	
	74	LD	LD	LD		
*WASHINGTON						
SEATTLE						
SITE 001	70	.027	.027	.024	.031	.0307
	71	.068	.027	.023	.036	.0393
	72	LD	LD	LD		
	73	.031	LD	LD	LD	
	74	LD	LD			
SPOKANE						
SITE 001	70	.015	LD	LD	.011	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73	LD	LD	LD		
	74	LD	LD			
TACOMA						
SITE 001	70	.087	LD	LD	.024	
	71	.089	LD	LD	LD	
	72	.030	LD	LD	LD	
	73	.031	LD	LD	LD	
	74	LD				
*WEST VIRGINIA						
CHARLESTON						
SITE 001	70	LD	.013	LD	.017	
	71	LD	LD	LD	LD	
	74	LD	LD	LD	LD	
HUNTINGTON						
SITE 001	71		LD	LD	LD	
HUNTINGTON						
SITE 005	72	LD		LD	LD	
	73	LD		LD	LD	
	74	LD				
SOUTH CHARLESTON						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	73	LD			LD	
	74	LD	LD	LD		

LOWER DISCRIMINATION LEVEL (LD)
70 - .0021
71 - .0021
72 - .0017
73 - .0025
74 - .0028

LOCATION	YR.	1ST. QTR.	2ND. QTR.	3RD. QTR.	4TH. QTR.	YR. AVG.
	74	LD	LD	LD	LD	
*WISCONSIN						
EAU CLAIRE						
SITE 002	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73	LD	LD	LD		
	74	LD				
KENOSHA						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73	LD	LD	LD		
	74				LD	
MADISON						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73	LD	LD	LD		
	74	LD	LD	LD	LD	
MILWAUKEE						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73	LD	LD	LD		
	74			LD	LD	
RACINE						
SITE 001	70	LD	LD	LD	LD	
	71		LD	LD	LD	
	72	LD	LD	LD	LD	
	73	LD	LD	LD		
	74	LD	LD	LD	.018	
SUPERIOR						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD		
	72	LD	LD			
	73		LD		LD	
	74		LD			
*WYOMING						
CASPER						
SITE 001	70	LD	LD	LD	LD	
	72		LD	LD	LD	
	73	LD	LD	LD	LD	
CHEYENNE						
SITE 001	70	LD	LD	LD	LD	
	72		LD	LD	LD	
	73	LD				

POLLUTANT : 17169 - VANADIUM
METHOD : HI-VOL EMISSION SPECTRA (FLOW TEMP ASH)
UNITS : UG/CU METER (25 C)
DATA TYPE : QUARTERLY COMPOSITE
PROJ. CLASSIFICATION : NON-URBAN
ANALYTICAL QUALITY : 21(+-)40.46%

LOWER DISCRIMINATION LEVEL (LDL)
70 - .0021
71 - .0021
72 - .0017
73 - .0025
74 - .0028

LOCATION	YR.	1ST. QTR.	2ND. QTR.	3RD. QTR.	4TH. QTR.	YR. AVG.
ARIZONA						
GRAND CANYON NAT						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD		
	72				LD	
	73	LD	LD	LD	LD	
	74	LD	LD	LD	LD	
MARICOPA CO						
SITE 005	72	LD		LD	LD	
	74	LD	LD			
ARKANSAS						
MONTGOMERY CO						
SITE 001	70	LD	LD	LD	LD	
	71	LD		LD		
	72	LD		LD	LD	
	73	LD	LD	LD		
	74	LD	LD	LD	LD	
CALIFORNIA						
HUMBOLDT CO						
SITE 001	70	LD	LD	LD	LD	
	71	LD				
COLORADO						
MESA VERDE NAT PA						
SITE 002	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72		LD	LD	LD	
	73	LD	LD	LD	LD	
DELAWARE						
KENT CO						
SITE 001	70	.028	LD	LD		
	71	.029			.028	
	72			LD	LD	
	73			LD		
FLORIDA						
HARDEE CO						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73				LD	
	74	LD	LD			
HAWAII						
HAWAII CO						
SITE 001	72	LD	LD	LD	LD	
	73	LD		LD	LD	
	74	LD	LD		LD	
HAWAII CO						
SITE 002	72	LD	LD	LD	LD	
	73	.007	LD		LD	
	74	LD			LD	
HAWAII VOLCANOES						
SITE 001	72	LD	LD	LD	LD	
	73	LD	LD		LD	
	74		LD	LD		
IDAHO						
OWYHEE CO						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73	LD	LD	LD	LD	
	74	LD	LD			
INDIANA						
MONROE CO						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73	LD	LD			
	74	LD	LD	LD		

LOCATION	YR.	1ST. QTR.	2ND. QTR.	3RD. QTR.	4TH. QTR.	YR. AVG.
PARKE CO						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD		
	73		LD			
	74					
LOUISIANA						
TAFFYVILLE PAR						
SITE 001	74	LD	LD	LD	LD	
MAINE						
ACADIA NAT PARK						
SITE 001	70	.022	.019	.023	.030	.0224
	71	.036	LD	LD	LD	
	72	LD	LD	LD	LD	
	73		LD	LD	LD	
	74	LD	LD	LD		
MARYLAND						
CALVERT CO						
SITE 001	70	.026				
	72			LD	.035	
	73				.027	
	74				.024	
MISSISSIPPI						
JACKSON CO						
SITE 001	70	LD	LD	LD		
	71		LD	LD	LD	
	72	LD	LD	.017	LD	
	73	LD	LD			
	74	LD	LD	LD	LD	
MISSOURI						
SHANNON CO						
SITE 002	70	LD	LD	LD	LD	
	71	LD	LD	LD		
	72		LD	LD	LD	
	73	LD	LD	LD	LD	
	74	LD	LD		LD	
MONTANA						
GLACIER NAT PARK						
SITE 001	70	LD	LD	LD		
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
NEBRASKA						
THOMAS CO						
SITE 001	70	LD	LD	LD	LD	
	71	LD			LD	
	72	LD		LD	LD	
	73	LD	LD	LD	LD	
	74	LD	LD			
NEVADA						
WHITE PINE CO						
SITE 001	70	LD	LD	LD	LD	
	71	LD			LD	
	72	LD	LD	LD	LD	
	73	LD	LD	LD	LD	
	74	LD	LD	LD	LD	
NEW HAMPSHIRE						
BELKNAP CO						
SITE 001	72	.030	LD	LD		
	73	LD		LD		
COOS CO						
SITE 001	70	.019	LD	LD	.019	
	71	LD	LD	LD		
	72			LD	LD	
	73	LD	.024		LD	
	74	LD	LD	LD		
NEW MEXICO						
RIO ARRIBA CO						
SITE 001	70	LD				
	71			LD		
	72	LD	LD	LD	LD	

POLLUTANT : 17164 - VANADIUM
METHOD : HI-VOL EMISSION SPECTRA (LOW TEMP ASH)
UNITS : UG/CU METER (25 C)
DATA TYPE : QUARTERLY COMPOSITE
PROJ. CLASSIFICATION : NON-URBAN
ANALYTICAL QUALITY : 7116-140.4E3

LOCATION	YR.	1ST. QTR.	2ND. QTR.	3RD. QTR.	4TH. QTR.	YR. AVG.
NEW YORK						
JEFFERSON CO						
SITE 001	70	.015	.016	LD	.011	.0114
	71	LD	LD	LD	LD	
	72	LD	LD	LD		
	73			LD		
	74	.022	LD	LD		
NORTH CAROLINA						
CAPE HATTERAS NAT						
SITE 001	70	.015	LD	LD	LD	
	71	LD	LD	LD		
	72	LD	LD			
OKLAHOMA						
CHEROKEE CO						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD		LD	
	72	LD	LD	LD	LD	
	73	LD	LD	LD	LD	
	74	LD	LD	LD		
OREGON						
CURRY CO						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD			
	72	LD	LD	LD	LD	
	73	LD	LD	LD		
	74	LD				
PENNSYLVANIA						
CLARION CO						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73	LD	LD	LD		
INDIANA CO						
SITE 001	72	LD	LD			
INDIANA CO						
SITE 002	72				LD	
	74	LD			LD	
INDIANA CO						
SITE 003	72	LD	LD	LD	LD	
RHODE ISLAND						
WASHINGTON CO						
SITE 002	70	.031	.030	.035	.057	.0433
	71	.049	.0B6	.052	.046	.0459
	72	.087	LD	.025		
	73			LD	.025	
	74	.022				
SOUTH CAROLINA						
RICHLAND CO						
SITE 002	70	.010				
	71	LD	LD	LD	LD	
	72	LD	LD	LD	LD	
	73	LD	LD	LD	LD	
	74	LD	LD	LD		
SOUTH DAKOTA						
BLACK HILLS NAT FO						
SITE 001	70	LD	LD	LD		
	71	LD	LD	LD	LD	

LOWER DISCRIMINATION LEVEL (LD)
70 - .0091
71 - .0021
72 - .0017
73 - .0025
74 - .0028

LOCATION	YR.	1ST. QTR.	2ND. QTR.	3RD. QTR.	4TH. QTR.	YR. AVG.
	72	LD	LD	LD	LD	
	73	LD	LD	LD	LD	
TENNESSEE						
CUMBERLAND CO						
SITE 001	70	LD	LD	LD	LD	
	71	LD				
TEXAS						
MATAGORDA CO						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD		
	72	LD	LD	LD	LD	
	73	LD	LD	LD	LD	
	74	LD	LD	LD	LD	
TOM GREEN CO						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD		LD	
	72	LD	LD	LL	LD	
	73	LD	LD	LD	LD	
	74	LD	LD	LD		
VERMONT						
ORANGE CO						
SITE 001	70	.019	.058	.034	.112	.0777
	71	.109	.048	.028		
	72	.705	.035	.025	.045	.0774
	73		LD	LD	LD	
	74	LD	LD		LD	
VIRGINIA						
SHENANDOAH NAT PA						
SITE 001	70	.014	.012	.013	.012	.0126
	71	LD	LD	LD		
	72	LD	LD	LD	LD	
	73		LD	LD		
WYTHE CO						
SITE 001	70	LD	LD	LD	LD	
	71	LD	LD	LD		
	72	LD	LD	LD	LD	
	73	LD	LD	LD	LD	
	74	LD			LD	
WASHINGTON						
KING CO						
SITE 002	70	LD	LD	LD	LD	
	71	LD	LD			
	72	LD	LD	LD	LD	
	73	LD	LD	LD	LD	
	74	LD				
WISCONSIN						
DOOR CO						
SITE 001	70	LD	LD			
	72	LD	LD	LD	LD	
	73	LD		LD		
WYOMING						
GRAND TETON NAT PA						
SITE 001	72		LD	LD	LD	
	73	LD	LD	LD	LD	
YELLOWSTONE NAT PA						
SITE 001	70	LD	LD	LD		
	72		LD	LD	LD	